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# Metropolitan Housing Characteristics

**GREEN BAY, WIS.**

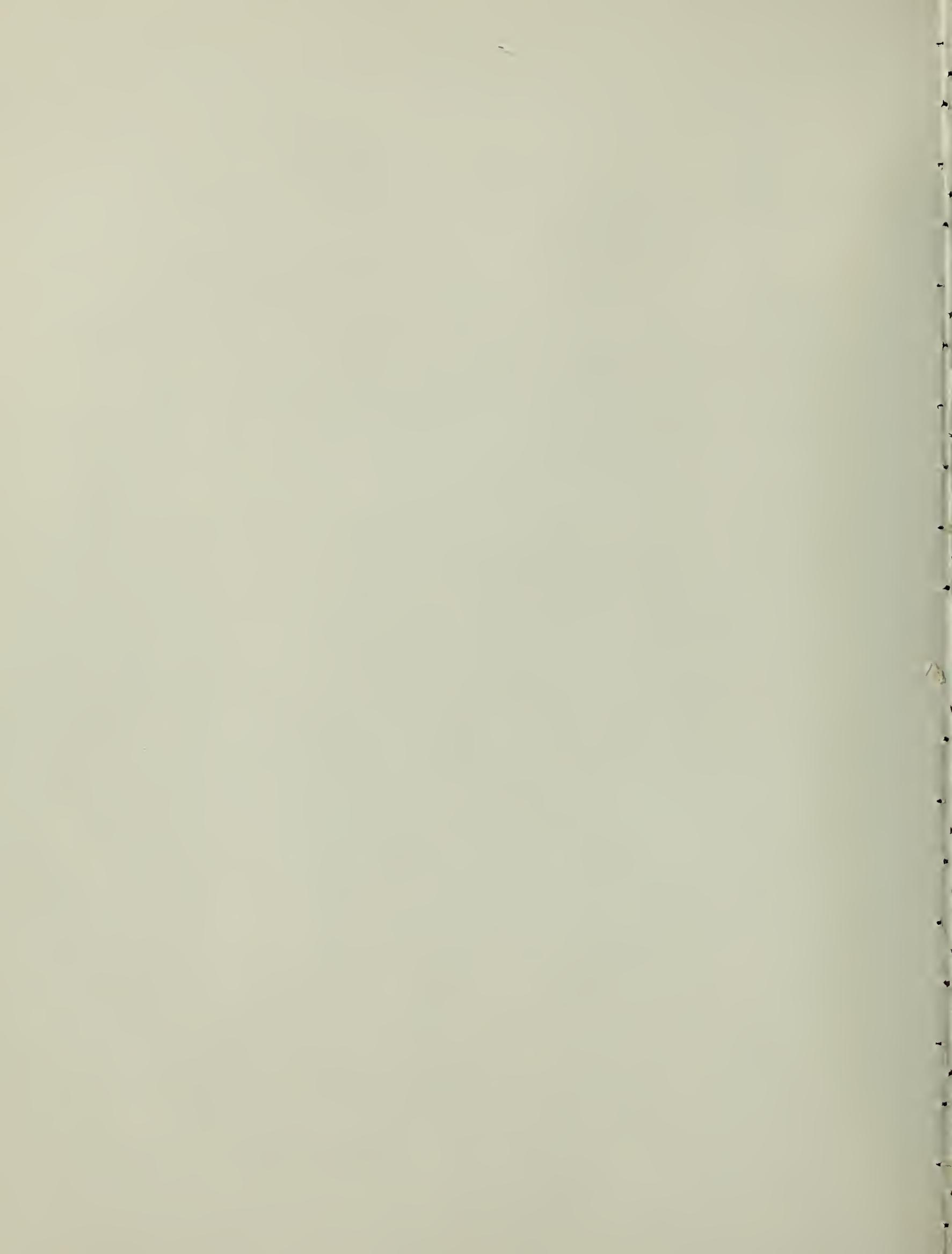
STANDARD METROPOLITAN STATISTICAL AREA

# 1980

# Census of Housing

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# 1980 Census of Housing

VOLUME 2

## Metropolitan Housing Characteristics

**GREEN BAY, WIS.**

HC80-2-175

Issued October 1983



**U.S. Department of Commerce**  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

HOUSING DIVISION  
Arthur F. Young, Chief

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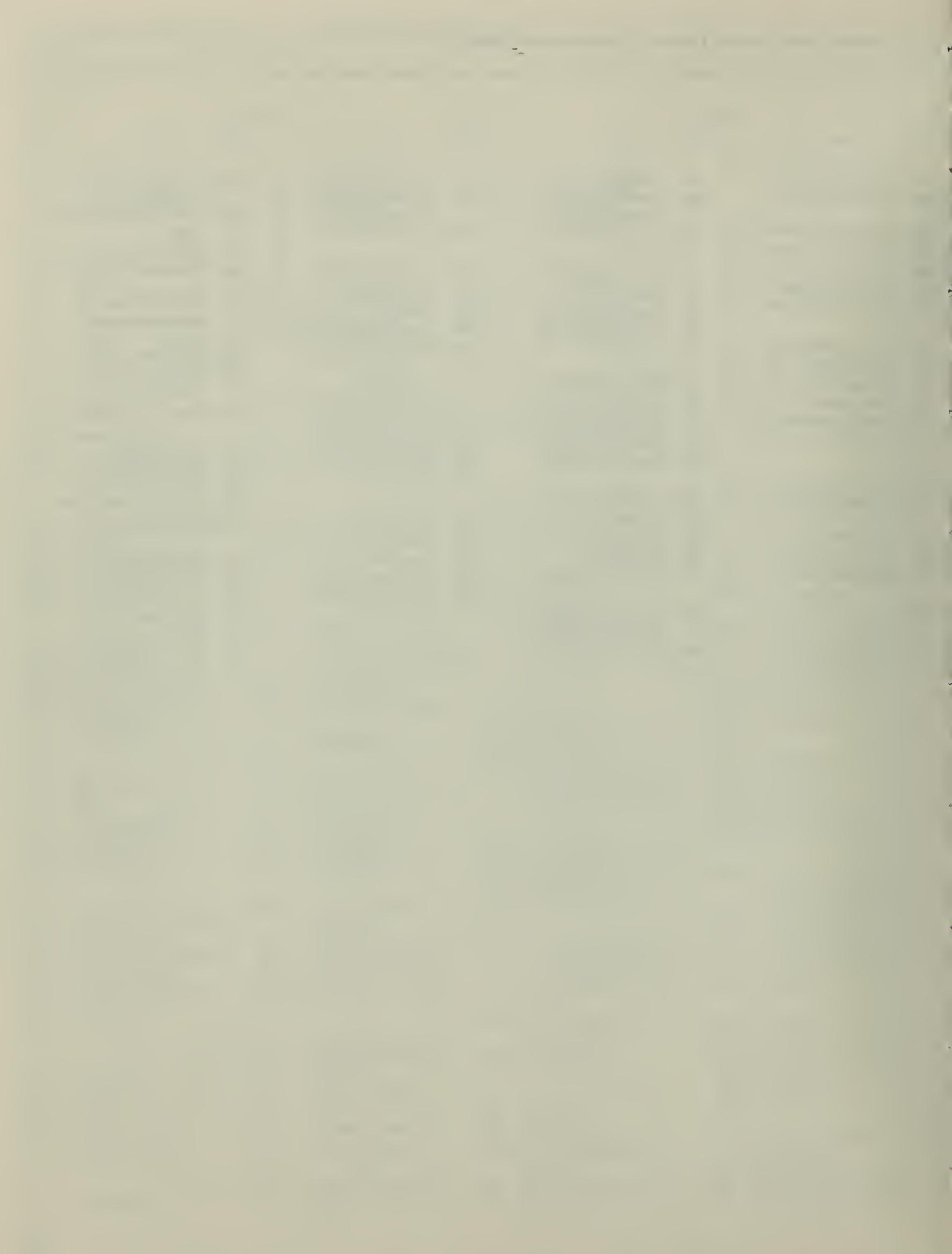
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16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
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157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville-Cocoa, Fla.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley-Ventura, Calif.
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160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
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178	Hagerstown, Md.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio			259	New Orleans, La.	295	Pueblo, Colo.
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## Introduction

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## GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

## CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

## DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

## SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

## SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

# 1980

## Census of Housing

# Metropolitan Housing Characteristics

## GREEN BAY, WIS.

STANDARD METROPOLITAN STATISTICAL AREA  
HC80-2-175

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	<b>X</b>
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Green Bay . . . . .	B						

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected mont <sup>h</sup> owner costs not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities . . . . .	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

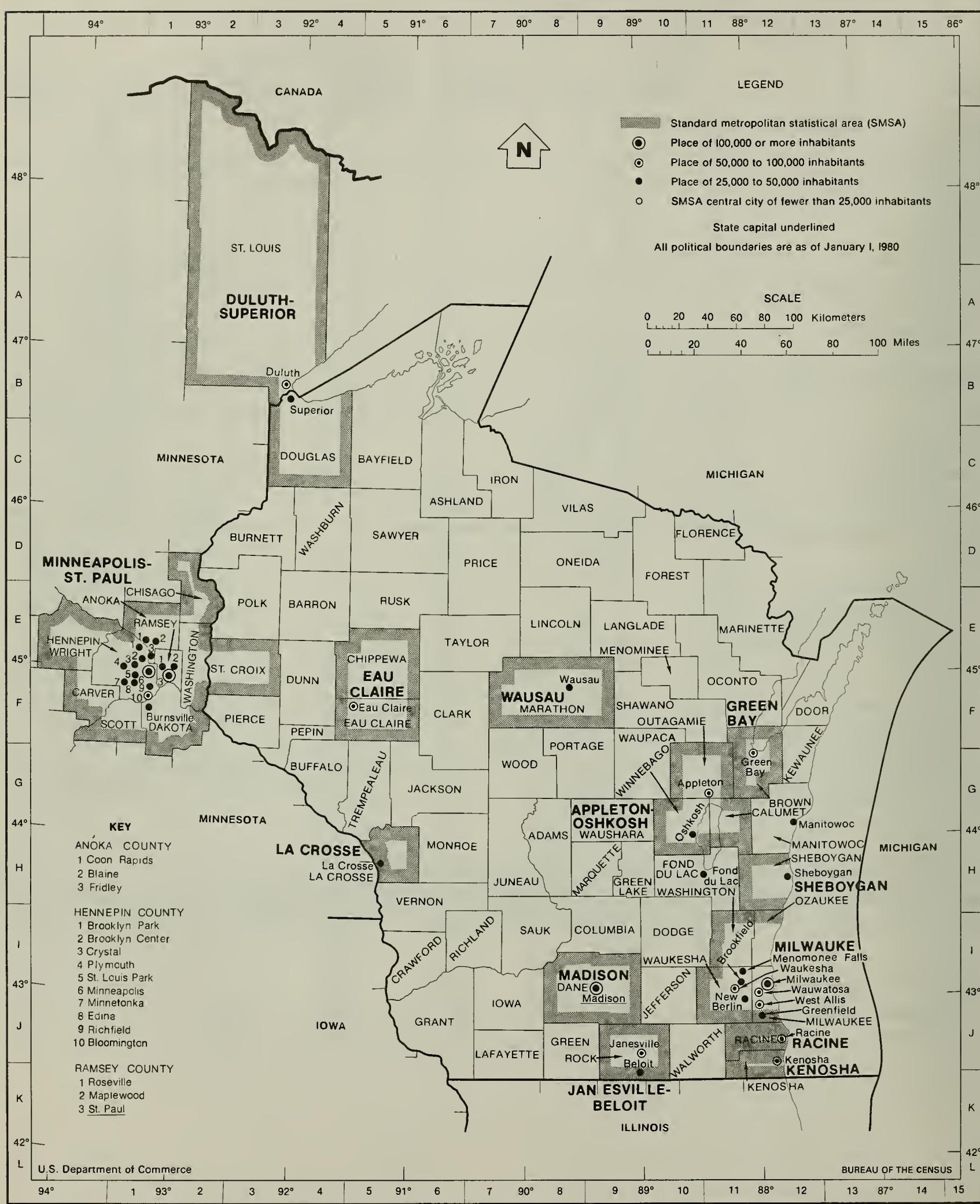
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

# Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Specified owner-occupied housing units -----

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families -----	28 303	37	544	2 191	4 482	6 189	5 557	6 371	1 728	1 002	202	51 100	54 900
15 to 24 years -----	709	-	7	93	201	181	137	87	3	-	-	43 000	44 600
25 to 34 years -----	7 794	11	55	310	1 139	1 666	2 030	1 923	438	189	33	53 300	55 800
35 to 44 years -----	6 557	6	54	361	701	1 293	1 097	1 972	601	394	57 300	61 800	
45 to 64 years -----	9 818	10	201	807	1 610	2 172	1 885	2 063	605	376	89	50 500	54 800
65 years and over -----	3 425	10	227	620	831	877	408	326	81	43	2	40 300	42 500
Male householder, no wife present -----	2 048	22	106	434	436	448	257	213	96	25	11	40 500	43 800
15 to 24 years -----	172	-	-	39	54	36	30	10	3	-	-	36 800	40 000
25 to 34 years -----	567	-	10	102	112	136	101	71	22	7	6	44 300	47 200
35 to 44 years -----	328	5	24	23	77	38	42	75	35	9	5	49 100	50 500
45 to 64 years -----	485	9	46	96	72	114	62	46	26	9	5	41 100	45 000
65 years and over -----	496	8	26	174	121	124	22	11	10	-	-	33 700	35 500
Female householder, no husband present -----	4 909	32	373	1 081	1 185	992	559	480	123	71	13	38 100	41 700
15 to 24 years -----	85	-	6	25	16	21	6	4	-	7	-	38 600	43 500
25 to 34 years -----	561	3	31	72	162	98	113	62	7	13	-	42 300	45 500
35 to 44 years -----	604	-	6	64	72	139	128	152	28	14	1	51 800	53 100
45 to 64 years -----	1 446	25	74	299	367	315	134	141	50	32	9	38 700	43 600
65 years and over -----	2 213	4	256	621	568	419	178	121	38	5	3	33 600	36 300
Median age -----	45.4	57.9	64.9	59.0	51.7	46.4	41.3	40.9	42.4	42.4	44.5	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 -----	3 718	9	45	224	430	725	712	1 057	258	206	52	55 600	60 100
1975 to 1978 -----	9 785	5	146	597	1 421	1 684	2 082	2 525	786	445	94	54 600	58 600
1970 to 1974 -----	6 241	22	103	492	818	1 388	1 240	1 577	373	193	35	52 100	55 100
1960 to 1969 -----	8 114	18	255	727	1 364	2 072	1 555	1 474	408	214	27	48 300	51 400
1959 or earlier -----	7 402	37	474	1 666	2 070	1 760	784	431	122	40	18	37 100	39 400
<b>ROOMS</b>													
1 to 3 rooms -----	218	10	64	72	25	23	11	6	-	7	-	25 000	30 200
4 rooms -----	3 112	26	299	964	1 082	481	140	90	11	16	3	32 100	33 900
5 rooms -----	10 080	35	308	1 183	2 229	3 112	2 080	993	100	40	-	44 400	44 400
6 rooms -----	9 536	8	231	828	1 585	2 293	2 241	1 931	318	86	15	49 300	50 100
7 rooms -----	6 359	5	73	420	719	1 087	1 265	1 998	564	203	25	56 500	58 400
8 or more rooms -----	5 955	7	48	239	463	633	636	2 046	954	746	183	69 700	74 000
Median -----	5.9	4.8	5.0	5.2	5.4	5.6	5.9	6.8	7.5	8.1	8.5+	...	...
<b>BEDROOMS</b>													
None -----	-	-	-	-	-	-	-	-	-	-	-	-	-
1 -----	497	7	125	150	97	77	27	7	-	7	-	28 100	31 100
2 -----	6 222	47	472	1 692	1 815	1 133	533	380	101	41	8	34 700	37 700
3 -----	19 740	26	332	1 340	3 131	4 855	4 500	4 151	916	438	51	50 400	52 700
4 -----	7 693	3	85	420	946	1 309	1 202	2 337	790	486	115	58 800	62 700
5 or more -----	1 108	8	9	104	114	255	111	189	140	126	52	55 900	69 900
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 -----	5 034	3	19	15	62	354	1 189	2 163	690	461	78	67 200	72 800
1970 to 1974 -----	4 398	27	7	51	255	864	1 097	1 475	375	209	38	59 000	62 900
1960 to 1969 -----	7 853	10	35	199	639	1 926	2 038	2 166	526	258	56	54 500	59 000
1950 to 1959 -----	7 162	17	138	742	1 789	2 229	1 196	720	218	81	32	43 800	46 500
1940 to 1949 -----	3 655	4	124	774	1 200	932	339	190	49	33	10	37 900	40 300
1939 or earlier -----	7 158	30	700	1 925	2 158	1 324	514	350	89	56	12	33 700	36 700
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 -----	1 699	21	157	471	418	337	107	141	27	20	-	34 600	38 000
\$5,000 to \$9,999 -----	3 242	22	337	852	894	578	327	155	65	12	-	34 400	37 000
\$10,000 to \$12,499 -----	1 582	20	87	250	504	356	206	114	24	21	-	38 600	41 100
\$12,500 to \$14,999 -----	1 792	2	85	280	516	436	271	171	20	8	3	40 300	42 400
\$15,000 to \$19,999 -----	5 745	6	148	716	1 218	1 557	953	936	161	36	14	45 100	47 100
\$20,000 to \$24,999 -----	7 072	3	112	536	1 152	1 837	1 601	1 515	201	112	3	49 500	51 000
\$25,000 to \$34,999 -----	8 653	14	68	452	1 015	1 708	2 042	2 452	595	283	24	54 500	57 200
\$35,000 to \$49,999 -----	3 850	3	16	131	350	647	673	1 233	535	202	60	61 700	65 100
\$50,000 or more -----	1 625	-	13	18	36	173	193	347	319	404	122	81 500	90 300
Median -----	\$22 480	\$10 313	\$10 503	\$15 000	\$17 895	\$21 485	\$24 140	\$26 492	\$32 241	\$38 675	\$54 489	...	...
Mean -----	\$24 683	\$12 462	\$13 606	\$16 381	\$18 551	\$22 446	\$25 641	\$28 648	\$38 282	\$48 011	\$75 570	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage -----	22 303	18	276	1 409	3 274	4 677	4 492	5 526	1 564	893	174	53 000	57 000
Less than 15 percent -----	5 686	8	106	435	904	1 307	1 033	1 181	398	255	59	50 600	56 100
15 to 19 percent -----	5 453	-	51	316	712	1 140	1 133	1 477	406	181	37	54 300	57 600
20 to 24 percent -----	4 574	4	38	247	669	1 017	1 011	1 139	290	137	22	52 800	56 100
25 to 29 percent -----	2 635	6	11	144	358	440	658	707	179	112	20	54 900	58 400
30 to 34 percent -----	1 563	-	20	92	197	348	274	449	102	72	9	54 600	57 700
35 percent or more -----	2 355	-	49	172	427	415	381	567	182	135	27	52 600	57 700
Not computed -----	37	-	1	3	7	10	2	6	7	1	-	48 400	57 000
Median -----	20.0	21.3	18.1	19.2	20.1	19.5	20.4	20.4	19.7	20.4	18.8	...	...
Not mortgaged -----	12 957	73	747	2 297	2 829	2 952	1 881	1 538	383	205	52	41 700	44 600
Less than 10 percent -----	5 443	17	158	765	1 014	1 305	1 023	779	222	124	36	45 500	49 000
10 to 14 percent -----	2 783	22	191	328	648	643	401	437	78	35	-	43 200	45 000
15 to 19 percent -----	1 433	13	99	318	322	351	155	116	31	21	7	39 000	41 300
20 to 24 percent -----	936	-	107	241	252	151	90	65	12	18	-	34 200	38 000
25 to 29 percent -----	658	2	28	209	160	116	76	30	30	7	-	33 600	39 700
30 to 34 percent -----	468	-	45	116	123	86	46	33	10	-	9	36 600	42 900
35 percent or more -----	1 146	12	112	288	303	284	83	64	-	-	-	35 900	36 300
Not computed -----	90	7	7	32	7	16	7	14	-	-	-	27 400	37 400
Median -----	11.8	13.6	16.1	15.6	13.1	11.3	10-	10-	10-	10-	10-	...	...
<b>SELECTED CHARACTERISTICS&lt;/</b>													

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	18 238	1 076	1 379	4 006	5 209	3 070	1 926	670	369	78	455	222
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	5 300	64	199	760	1 290	1 198	1 001	334	189	50	215	259
15 to 24 years	1 439	4	40	337	413	360	219	24	10	7	25	239
25 to 34 years	1 816	10	29	185	494	387	428	166	52	20	45	270
35 to 44 years	596	9	—	63	113	132	114	75	60	13	17	288
45 to 64 years	739	21	51	56	103	159	171	64	43	10	61	285
65 years and over	710	20	79	119	167	160	69	5	24	—	67	229
Male householder, no wife present	4 459	247	464	1 305	1 312	622	239	76	81	16	97	206
15 to 24 years	1 590	53	138	536	472	252	71	19	24	10	15	208
25 to 34 years	1 549	42	120	437	532	236	98	40	35	—	9	213
35 to 44 years	486	32	62	115	124	52	39	13	22	6	21	210
45 to 64 years	463	39	66	130	139	45	28	—	—	—	16	194
65 years and over	371	81	78	87	45	37	3	4	—	—	36	154
Female householder, no husband present	8 479	765	716	1 941	2 607	1 250	686	260	99	12	143	213
15 to 24 years	2 505	74	156	779	884	337	193	58	19	—	5	212
25 to 34 years	2 033	23	111	460	723	401	182	99	22	12	—	226
35 to 44 years	695	13	8	95	219	149	107	67	29	—	8	252
45 to 64 years	1 087	76	166	240	290	164	105	23	7	—	16	209
65 years and over	2 159	579	275	367	491	199	99	13	22	—	114	180
Median age	30.1	70.9	48.9	27.3	28.5	29.1	31.5	32.2	36.6	32.5	63.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	8 992	361	558	2 022	2 598	1 528	1 140	387	262	56	80	228
1975 to 1978	6 288	396	451	1 389	1 922	1 102	605	231	77	22	93	220
1970 to 1974	1 715	280	185	349	421	260	108	44	25	—	43	203
1960 to 1969	701	15	90	156	196	116	55	4	5	—	64	212
1959 or earlier	542	24	95	90	72	64	18	4	—	—	175	188
<b>ROOMS</b>												
1 room	395	125	59	79	65	26	29	—	6	6	—	165
2 rooms	1 355	251	165	342	486	56	37	8	7	—	3	193
3 rooms	4 481	578	541	1 693	1 257	285	95	8	—	4	20	186
4 rooms	5 965	65	425	1 230	2 061	1 245	682	119	26	7	105	230
5 rooms	3 808	42	122	472	958	974	725	284	132	—	99	262
6 rooms	1 417	15	38	139	284	362	209	162	111	6	91	272
7 or more rooms	817	—	29	51	98	122	149	89	87	55	137	313
Median	4.0	2.8	3.4	3.4	3.9	4.4	4.7	5.2	5.6	7.1	5.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	18 238	1 076	1 379	4 006	5 209	3 070	1 926	670	369	78	455	222
Complete plumbing for exclusive use	17 815	932	1 308	3 958	5 112	3 045	1 921	667	369	78	425	223
0.50 or less	12 325	792	1 056	2 982	3 753	1 972	975	271	161	43	320	214
0.51 to 1.00	5 143	100	249	916	1 292	1 025	884	365	178	34	100	249
1.01 to 1.50	284	35	3	32	55	48	54	31	25	1	—	261
1.51 or more	63	5	—	28	12	—	8	—	5	—	5	197
Lacking complete plumbing for exclusive use	423	144	71	48	97	25	5	3	—	—	30	134
0.50 or less	236	50	42	41	61	12	—	—	—	—	30	174
0.51 to 1.00	179	94	27	7	30	13	5	3	—	—	—	99
1.01 to 1.50	8	—	2	—	6	—	—	—	—	—	—	233
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	3 284	349	272	798	879	501	253	98	56	—	78	210
Complete plumbing for exclusive use	3 162	321	260	779	842	494	248	98	56	—	64	211
1.01 or more persons per room	171	35	—	41	12	9	50	10	13	1	—	242
Lacking complete plumbing for exclusive use	122	28	12	19	37	7	5	—	—	14	—	192
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	482	142	89	98	71	34	36	—	6	6	—	164
1	6 579	779	795	2 397	2 013	377	119	28	14	4	53	189
2	8 176	122	421	1 301	2 685	2 009	1 148	232	87	13	158	241
3	2 504	30	54	179	367	570	545	365	226	31	137	298
4	382	3	4	25	55	76	68	40	21	20	70	294
5 or more	115	—	16	6	18	4	10	5	15	4	37	249
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	3 418	42	168	397	573	1 795	639	269	149	61	325	274
2	5 605	50	491	1 136	1 323	1 202	841	339	154	—	69	242
3 and 4	2 513	75	277	1 071	726	256	67	10	—	—	31	191
5 to 9	2 348	239	167	637	1 032	216	40	6	—	11	—	205
10 to 49	3 086	163	120	689	1 353	479	242	21	15	4	219	219
50 or more	1 118	493	131	46	176	105	87	23	51	6	—	119
Mobile home or trailer, etc.	150	14	25	30	26	17	10	2	—	—	26	193
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	3 230	195	57	425	950	561	628	231	137	32	14	249
1970 to 1974	3 740	415	117	615	1 294	641	403	156	70	6	23	223
1960 to 1969	3 100	117	101	607	954	715	394	94	48	11	59	233
1950 to 1959	1 419	30	113	312	376	233	160	80	36	10	69	229
1940 to 1949	1 936	26	155	674	505	331	135	34	35	—	41	210
1939 or earlier	4 813	293	836	1 373	1 130	589	206	75	43	19	249	191
<b>STORIES IN STRUCTURE</b>												
1 to 3	17 500	680	1 231	3 948	5 170	3 065	1 865	670	351	65	455	224
4 or more	738	396	148	58	39	5	61	—	18	13	—	90
With elevator	645	375	141	18	19	—	61	—	18	13	—	88
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	3 319	185	426	876	1 031	471	249	36	45	—	—	208
15 to 19 percent	3 124	245	166	62	993	623	324	91	43	14	—	225
20 to 24 percent	2 763	263	200	577	640	530	397	56	93	7	—	224
25 to 29 percent	1 781	190	94	417	471	234	220	94	45	16	—	219
30 to 34 percent	1 387	64	113	283	410	193	165	106	35	18	—	226
35 to 49 percent	2 182	43	219	513	609	476	183	105	34	—	—	225
50 percent or more	2 967	48	143	665	979	497	356	182	74	23	—	231
Not computed	715	38	18	50	76	46	32	—	—	—	455	214
Median	24.2	21.7	22.2	24.1	24.2	23.9	24.7	32.7	25.4	30.6	—	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	18 236	1 074	1 379	4 006	5 209	3 070	1 926	670	369	78	455	222
Central heating system	16 552	1 007	1 093	3 480	4 824	2 895	1 822	617	365	78	371	224
Air conditioning	6 705	276	265	1 221	2 629	1 234	572	193	129	24	162	227
Central system	939	13	33	90	231	216	160	77	72	14	33	269

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
Owner-occupied housing units	41 260	2 162	4 060	2 085	2 212	6 651	8 002	9 763	4 407	1 918	22 135	24 311	1 583	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	32 588	602	1 878	1 287	1 577	5 211	7 078	9 022	4 142	1 791	24 054	26 948	656	
15 to 24 years	974	8	37	41	75	260	324	188	34	7	21 154	21 351	20	
25 to 34 years	8 706	111	106	165	425	2 035	2 513	2 634	581	136	22 803	23 979	142	
35 to 44 years	7 257	98	107	142	247	852	1 747	2 508	1 028	528	26 222	29 646	169	
45 to 64 years	11 514	148	340	300	359	1 469	2 148	3 416	2 336	998	27 303	31 447	183	
65 years and over	4 137	237	1 288	639	471	595	346	276	163	122	12 126	17 257	142	
Male householder, no wife present	2 778	246	405	186	273	577	473	357	166	95	17 287	19 280	163	
15 to 24 years	271	14	20	22	47	88	32	32	16	—	16 935	18 084	19	
25 to 34 years	803	21	43	53	87	211	185	135	47	21	19 669	21 111	28	
35 to 44 years	430	8	25	22	21	113	99	65	45	32	21 066	26 245	8	
45 to 64 years	628	47	60	43	75	107	131	97	39	29	19 328	21 129	46	
65 years and over	646	156	257	46	43	58	26	28	19	13	7 727	11 074	62	
Female householder, no husband present	5 894	1 314	1 777	612	362	863	451	384	99	32	9 471	12 105	764	
15 to 24 years	133	21	44	13	7	26	13	9	—	—	10 288	11 968	28	
25 to 34 years	654	41	220	94	74	101	81	35	2	6	11 755	13 519	99	
35 to 44 years	735	62	165	84	65	193	75	69	22	—	14 673	15 271	116	
45 to 64 years	1 776	228	398	256	110	358	153	211	56	6	12 636	14 743	159	
65 years and over	2 596	962	950	165	106	185	129	60	19	20	6 237	9 054	362	
Median age	45.9	68.9	68.1	60.5	47.9	39.6	38.6	42.0	47.5	49.0	... ...	...	55.5	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	4 476	124	231	214	311	920	969	1 130	426	151	22 186	24 156	143	
1975 to 1978	11 399	306	610	378	578	2 126	2 723	3 046	1 136	496	23 083	25 128	356	
1970 to 1974	7 255	240	493	309	352	1 211	1 534	1 922	821	373	23 267	25 946	249	
1960 to 1969	9 083	428	825	408	406	1 188	1 727	2 321	1 269	511	23 806	26 551	277	
1959 or earlier	9 047	1 064	1 901	776	565	1 206	1 049	1 344	755	387	15 891	19 800	558	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	41 040	2 105	3 998	2 063	2 208	6 633	7 975	9 742	4 398	1 918	22 177	24 374	1 543	
1 or more persons per room	932	34	19	45	41	109	215	270	154	45	25 109	27 332	72	
Lacking complete plumbing for exclusive use	220	57	62	22	4	18	27	21	9	—	9 135	12 564	40	
1 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	41 255	2 162	4 055	2 085	2 212	6 651	8 002	9 763	4 407	1 918	22 136	24 313	1 583	
Central heating system	39 202	1 916	3 699	1 922	2 080	6 286	7 693	9 464	4 293	1 849	22 385	24 551	1 409	
Air conditioning	15 597	514	1 178	708	801	2 508	2 853	4 250	1 795	990	23 590	26 613	352	
Central system	4 273	101	242	152	158	536	663	1 119	669	633	26 987	34 109	89	
Vehicles available	39 685	1 523	3 476	1 943	2 184	6 560	7 949	9 725	4 407	1 918	22 589	24 973	1 337	
1	12 655	1 079	2 723	1 232	1 100	2 559	2 047	1 393	339	183	15 369	16 749	763	
2 or more	27 030	444	753	711	1 084	4 001	5 902	8 332	4 068	1 735	25 507	28 824	574	
House heating fuel	41 255	2 162	4 055	2 085	2 212	6 651	8 002	9 763	4 407	1 918	22 136	24 313	1 583	
Utility gas	31 800	1 532	3 156	1 618	1 708	5 129	6 247	7 489	3 433	1 488	22 156	24 486	1 037	
Bottled, tank, or LP gas	1 184	99	127	72	69	160	193	265	116	83	21 693	23 684	103	
Electricity	844	20	32	36	59	106	140	266	136	49	25 678	29 038	23	
Fuel oil, kerosene, etc.	6 676	468	678	315	332	1 121	1 241	1 566	679	276	21 850	23 318	369	
Other	751	43	62	44	44	135	181	177	43	22	21 024	21 514	51	
Median rooms	5.9	5.1	5.2	5.3	5.4	5.7	5.9	6.2	6.7	7.3	... ...	...	5.6	
Specified owner-occupied housing units	35 260	1 699	3 242	1 582	1 792	5 745	7 072	8 653	3 850	1 625	22 480	24 683	1 184	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	22 303	416	804	580	1 004	4 045	5 280	6 404	2 724	1 046	24 055	26 610	524	
Less than \$200	658	51	126	34	53	117	110	124	28	15	17 831	20 390	32	
\$200 to \$249	1 590	36	158	65	115	403	322	337	128	26	20 198	21 684	20	
\$250 to \$299	3 136	67	133	140	208	637	756	843	318	34	22 443	23 281	79	
\$300 to \$349	3 593	49	120	124	201	793	1 010	892	330	74	22 130	23 673	89	
\$350 to \$399	3 374	82	79	76	169	728	865	955	372	48	23 156	24 111	109	
\$400 to \$499	4 939	51	85	83	157	873	1 314	1 645	513	218	24 538	26 792	84	
\$500 to \$599	2 396	26	44	28	42	303	542	770	467	174	26 417	30 591	39	
\$600 to \$749	1 693	23	27	8	39	171	293	589	357	186	27 976	34 156	28	
\$750 or more	924	31	32	22	20	20	68	249	211	271	31 897	46 243	44	
Median	\$382	\$353	\$294	\$321	\$331	\$355	\$376	\$403	\$438	\$562	... ...	\$369		
Not mortgaged	12 957	1 283	2 438	1 002	788	1 700	1 792	2 249	1 126	579	17 956	21 366	660	
Less than \$50	10	3	5	—	2	—	—	—	—	—	6 000	6 913	3	
\$50 to \$74	93	30	40	—	8	15	—	—	—	—	6 528	7 902	8	
\$75 to \$99	495	119	182	59	29	37	33	27	9	—	8 089	10 583	52	
\$100 to \$124	1 944	325	622	259	108	254	131	186	53	6	10 241	13 058	102	
\$125 to \$149	3 111	337	664	282	248	406	467	462	191	54	15 317	17 622	176	
\$150 to \$199	4 749	362	694	307	293	689	829	975	429	171	20 185	22 539	242	
\$200 to \$249	1 608	81	175	64	70	202	207	431	267	111	25 110	26 526	51	
\$250 or more	947	26	56	31	32	95	125	168	177	237	30 036	43 195	26	
Median	\$159	\$137	\$139	\$141	\$150	\$160	\$166	\$173	\$186	\$226	... ...	\$148		
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	22 303	416	804	580	1 004	4 045	5 280	6 404	2 724	1 046	24 055	26 610	524	
Less than 15 percent	5 686	—	18	17	18	221	762	2 205	1 624	821	32 665	38 588	—	
15 to 19 percent	5 453	—	25	5	70	778	1 627	2 097	680	171	25 742	27 724	9	
20 to 24 percent	4 574	—	26	54	227	1 133	1 5							

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Renter-occupied housing units	18 648	3 828	4 787	1 922	1 803	3 070	1 712	1 088	345	93	10 922	12 751	3 333
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	5 559	325	984	495	695	1 479	788	588	158	47	15 837	16 852	441	
15 to 24 years	1 479	86	245	131	230	501	191	76	7	12	15 443	15 569	102	
25 to 34 years	1 928	113	199	168	290	557	332	211	58	—	16 343	17 169	176	
35 to 44 years	624	29	107	42	57	136	128	98	23	4	17 659	18 302	77	
45 to 64 years	796	54	79	64	52	185	92	191	65	14	19 189	20 982	62	
65 years and over	732	43	354	90	66	100	45	12	5	17	9 622	12 881	24	
Male householder, no wife present	4 527	779	996	531	444	810	511	308	115	33	12 300	13 843	699	
15 to 24 years	1 597	317	484	218	154	184	119	68	44	9	9 972	11 824	377	
25 to 34 years	1 561	119	251	196	229	396	217	102	44	7	14 842	15 562	159	
35 to 44 years	488	82	55	31	31	122	65	72	20	10	17 500	18 087	72	
45 to 64 years	496	89	60	60	20	89	101	63	7	7	16 105	16 203	51	
65 years and over	385	172	146	26	10	19	9	3	—	—	5 576	6 834	40	
Female householder, no husband present	8 562	2 724	2 807	896	664	781	413	192	72	13	7 576	9 510	2 193	
15 to 24 years	2 519	743	840	303	185	195	178	70	—	5	7 958	9 345	909	
25 to 34 years	2 053	364	728	281	248	257	80	63	32	—	9 603	10 833	464	
35 to 44 years	707	132	222	93	58	128	46	18	10	—	9 987	11 290	180	
45 to 64 years	1 097	313	327	98	102	127	74	27	23	6	8 570	12 403	235	
65 years and over	2 186	1 172	690	121	71	74	35	14	7	2	4 810	6 429	405	
Median age	30.2	41.0	31.2	28.4	28.0	28.9	29.9	33.3	34.1	43.8	...	...	27.7	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	9 094	1 875	2 452	987	939	1 356	790	484	162	49	10 557	12 483	2 027	
1975 to 1978	6 430	1 218	1 525	665	637	1 197	656	373	142	17	11 774	13 100	939	
1970 to 1974	1 788	468	459	137	154	287	132	111	33	7	9 646	11 955	227	
1960 to 1969	739	139	172	88	35	140	83	79	1	2	11 662	13 553	74	
1959 or earlier	597	128	179	45	38	90	51	41	7	18	9 747	14 441	66	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
Complete plumbing for exclusive use	18 200	3 605	4 667	1 903	1 770	3 033	1 707	1 086	336	93	11 088	12 875	3 211	
0.50 or less	12 537	2 914	3 287	1 301	1 103	1 961	1 125	591	192	63	10 130	12 201	1 976	
0.51 to 1.00	5 313	622	1 289	567	617	1 038	558	472	132	18	13 223	14 352	1 064	
1.01 to 1.50	287	50	60	32	50	34	24	23	6	8	12 575	14 785	138	
1.51 or more	63	19	31	3	—	—	—	6	4	7 566	13 574	33		
Locking complete plumbing for exclusive use	448	223	120	19	33	37	5	2	9	—	5 051	7 712	122	
0.50 or less	256	143	61	13	10	23	—	—	6	—	4 609	7 265	83	
0.51 to 1.00	184	80	59	6	23	8	5	—	3	—	5 857	7 765	39	
1.01 to 1.50	8	—	—	—	—	6	—	2	—	—	19 167	20 829	—	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>SELECTED CHARACTERISTICS</b>														
Heating equipment	18 646	3 828	4 785	1 922	1 803	3 070	1 712	1 088	345	93	10 924	12 751	3 333	
Central heating system	16 865	3 384	4 252	1 739	1 673	2 807	1 606	975	336	93	11 145	12 929	2 907	
Air conditioning	6 781	1 212	1 716	711	658	1 101	687	467	182	47	11 626	13 779	882	
Central system	943	145	191	94	82	130	122	107	47	25	13 765	16 617	138	
Vehicles available	15 080	1 822	3 602	1 799	1 713	2 983	1 660	1 069	339	93	12 963	14 395	2 037	
1	10 016	1 637	3 063	1 389	1 185	1 684	651	277	70	60	10 554	11 955	1 617	
2 or more	5 064	185	539	410	528	1 299	1 009	792	269	33	18 377	19 222	420	
House heating fuel	18 646	3 828	4 785	1 922	1 803	3 070	1 712	1 088	345	93	10 924	12 751	3 333	
Utility gas	14 275	2 960	3 611	1 415	1 418	2 412	1 289	825	284	61	11 001	12 663	2 469	
Bottled, tank, or LP gas	387	90	94	36	25	65	22	45	8	2	10 660	13 349	72	
Electricity	2 092	423	607	265	202	261	184	107	26	17	10 151	12 999	403	
Fuel oil, kerosene, etc.	1 626	265	415	185	139	290	201	91	27	13	11 797	13 446	311	
Other	266	90	58	21	19	42	16	20	—	—	8 438	10 391	78	
Median rooms	4.0	3.4	3.9	4.0	4.2	4.3	4.4	4.7	4.5	4.4	...	...	3.9	
Specified renter-occupied housing units	18 238	3 785	4 709	1 890	1 750	2 990	1 668	1 027	332	87	10 827	12 655	3 284	
<b>CONTRACT RENT</b>														
Less than \$100	1 672	960	344	99	58	102	48	51	10	—	4 621	7 449	418	
\$100 to \$149	3 055	815	1 026	313	273	345	162	100	16	5	8 394	10 070	686	
\$150 to \$199	6 280	1 190	1 812	777	694	978	555	205	44	25	10 444	11 975	1 225	
\$200 to \$249	4 691	532	1 052	459	511	1 101	537	325	147	27	13 980	14 777	597	
\$250 to \$299	1 457	129	276	150	156	276	240	174	56	—	15 294	16 131	211	
\$300 to \$349	429	57	67	26	22	93	62	74	24	4	17 361	17 747	59	
\$350 to \$399	83	5	—	12	—	19	—	43	4	—	25 724	22 560	—	
\$400 to \$449	79	—	21	6	7	—	15	19	6	5	21 964	20 904	10	
\$500 or more	37	6	7	4	—	—	6	—	14	—	23 125	23 799	—	
No cash rent	455	91	104	44	29	76	43	36	11	21	11 847	16 573	78	
Median	\$222	\$182	\$209	\$218	\$229	\$243	\$253	\$276	\$286	\$262	...	...	\$210	
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
Less than 15 percent	3 319	27	99	80	244	772	951	780	300	66	22 132	24 516	86	
15 to 19 percent	3 124	176	205	325	515	1 181	558	150	14	—	16 211	16 104	77	
20 to 24 percent	2 763	221	561	586	533	718	92	45	7	—	12 563	12 657	85	
25 to 29 percent	1 781	212	677	443	242	173	18	16	—	—	10 008	10 187	111	
30 to 34 percent	1 387	128	791	238	159	65	6	—	—	—	8 868	9 028	156	

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

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	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	22 303	658	1 590	3 136	3 593	3 374	4 939	2 396	1 693	924	382
PERSONS IN UNIT											
1 person -----	1 231	119	109	236	201	177	185	101	88	15	338
2 persons -----	4 402	234	395	544	573	550	1 089	516	324	177	391
3 persons -----	4 455	118	287	540	724	780	997	468	351	190	386
4 persons -----	6 192	106	416	855	1 084	937	1 296	726	518	254	384
5 persons -----	3 722	32	212	547	716	616	796	361	243	199	379
6 persons -----	1 556	45	109	279	174	191	436	134	133	55	395
7 persons -----	534	4	47	102	83	96	93	69	28	12	366
8 or more persons -----	211	—	15	33	38	27	47	21	8	22	386
Median -----	3.67	2.40	3.51	3.79	3.78	3.69	3.65	3.66	3.66	3.81	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	19 248	463	1 339	2 621	3 006	2 868	4 472	2 208	1 447	824	388
15 to 24 years -----	679	7	33	45	118	96	208	142	30	—	417
25 to 34 years -----	7 429	89	255	717	1 227	1 273	2 008	983	648	229	407
35 to 44 years -----	5 690	76	374	878	862	797	1 247	595	487	374	391
45 to 64 years -----	5 135	207	616	924	758	693	967	481	276	213	355
65 years and over -----	315	84	61	57	41	9	42	7	6	8	261
Male householder, no wife present -----	1 226	37	100	190	227	212	196	102	118	44	364
15 to 24 years -----	158	8	11	9	52	22	27	15	7	7	349
25 to 34 years -----	530	2	37	94	69	77	105	41	85	20	391
35 to 44 years -----	275	12	11	26	78	64	34	39	6	5	358
45 to 64 years -----	235	6	33	58	22	49	28	7	20	12	347
65 years and over -----	28	9	8	3	6	—	2	—	—	—	231
Female householder, no husband present -----	1 829	158	151	325	360	294	271	86	128	56	339
15 to 24 years -----	77	—	—	16	19	11	13	11	—	7	366
25 to 34 years -----	541	26	37	124	121	71	81	17	50	14	335
35 to 44 years -----	525	12	25	61	129	132	74	38	38	16	363
45 to 64 years -----	547	74	61	111	83	67	81	17	34	19	317
65 years and over -----	139	46	28	13	8	13	22	3	6	—	242
Median age -----	37.4	52.4	45.3	40.1	36.5	36.3	35.2	34.9	35.5	38.6	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	3 389	38	89	119	294	301	898	689	610	351	495
1975 to 1978 -----	8 784	102	293	769	1 274	1 667	2 484	1 085	747	363	411
1970 to 1974 -----	4 773	79	347	884	1 143	746	905	370	206	93	347
1960 to 1969 -----	4 277	241	619	1 148	737	576	534	217	104	101	309
1959 or earlier -----	1 080	198	242	216	145	84	118	35	26	16	273
ROOMS											
1 to 3 rooms -----	94	30	11	10	3	—	9	16	8	7	280
4 rooms -----	1 276	127	205	288	221	180	162	73	18	2	304
5 rooms -----	5 755	267	561	1 111	1 081	1 007	1 088	412	188	40	343
6 rooms -----	5 960	123	396	971	1 044	900	1 407	605	382	132	375
7 rooms -----	4 573	72	258	484	737	684	1 143	566	416	213	404
8 or more rooms -----	4 645	39	159	272	507	603	1 130	724	681	530	463
Median -----	6.2	5.1	5.5	5.7	6.0	6.1	6.4	6.7	7.1	7.8	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	4 591	26	51	112	259	629	1 288	954	820	452	495
1970 to 1974 -----	3 634	26	62	277	715	705	1 011	427	266	145	403
1960 to 1969 -----	5 299	68	341	924	905	875	1 185	499	347	155	374
1950 to 1959 -----	3 571	184	436	762	628	486	641	227	105	102	332
1940 to 1949 -----	1 873	101	293	358	397	244	326	92	44	18	323
1939 or earlier -----	3 335	253	407	703	689	435	488	197	111	52	322
VALUE											
Less than \$10,000 -----	18	5	8	5	—	—	—	—	—	—	225
\$10,000 to \$19,999 -----	276	96	85	57	23	13	2	—	—	—	225
\$20,000 to \$29,999 -----	1 409	175	281	435	296	122	66	25	9	—	279
\$30,000 to \$39,999 -----	3 274	174	498	839	691	506	438	73	20	35	309
\$40,000 to \$49,999 -----	4 677	125	384	978	1 078	777	962	265	93	15	339
\$50,000 to \$59,999 -----	4 492	41	188	476	754	919	1 320	530	242	22	393
\$60,000 to \$79,999 -----	5 526	31	126	305	671	848	1 620	985	752	188	446
\$80,000 to \$99,999 -----	1 564	11	14	34	71	148	363	378	340	205	537
\$100,000 to \$149,999 -----	893	—	6	7	9	41	168	131	175	356	672
\$150,000 or more -----	174	—	—	—	—	—	9	62	103	103	750+
Median -----	\$53 000	\$32 600	\$38 400	\$42 600	\$47 500	\$52 700	\$57 500	\$65 000	\$73 100	\$99 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	5 686	439	925	1 525	1 069	638	613	245	142	90	298
15 to 19 percent -----	5 453	73	319	832	1 185	1 060	1 170	470	213	131	365
20 to 24 percent -----	4 574	38	127	380	733	830	1 495	518	321	132	411
25 to 29 percent -----	2 635	23	38	132	272	377	815	490	344	144	455
30 to 34 percent -----	1 563	27	50	92	96	215	388	300	278	117	471
35 percent or more -----	2 355	55	131	173	232	240	454	371	389	310	478
Not computed -----	37	3	—	2	6	14	4	2	6	377	377
Median -----	20.0	12.3	13.9	15.3	18.1	19.9	22.3	24.7	27.4	28.8	...
SELECTED CHARACTERISTICS											
Heating equipment -----	22 303	658	1 590	3 136	3 593	3 374	4 939	2 396	1 693	924	382
Steam or hot water system -----	4 365	72	174	378	676	648	1 033	651	477	256	421
Central warm-air furnace or electric heat pump -----	16 486	489	1 246	2 516	2 726	2 513	3 633	1 631	1 093	639	375
Other built-in electric units -----	408	—	11	31	34	44	125	73	76	14	454
Floor, wall, or pipeless furnace -----	178	33	24	46	21	13	34	—	7	—	285
Other means -----	866	64	135	165	136	156	114	41	40	15	325
Air conditioning -----	8 749	173	628	1 437	1 361	1 330	1 800	832	692	496	379
Central system -----	2 323	7	53	183	222	307	565	324	326	336	467
1 or more individual room units -----	6 426	166	575	1 254	1 139	1 023	1 235	508	366	160	354
House heating fuel -----	22 303	658	1 590	3 136	3 593	3 374	4 939	2 396	1 693	924	382
Utility gas -----	17 762	559	1 342	2 661	3 038	2 792	3 695	1 710	1 225	740	373
Bottled, tank, or LP gas -----	439	7	20	56	34	71	110	64	60	17	435
Electricity -----	609	—	18	34	54	61	175	110	117	40	472
Fuel oil, kerosene, etc. -----	3 118	78	179	304	407	388	889	489	261	123	422
Other -----	375	14	31	81	60	62	70	23	30	4	351

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

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Specified owner-occupied housing units -----

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	12 957	10	93	495	1 944	3 111	4 749	1 608	947	159
1 person -----	2 770	5	62	197	849	647	732	190	88	136
2 persons -----	5 578	5	28	232	847	1 564	1 950	618	334	153
3 persons -----	1 808	—	1	24	105	382	802	307	187	174
4 persons -----	1 415	—	2	18	74	304	643	240	134	174
5 persons -----	735	—	—	6	45	142	297	137	108	179
6 persons -----	392	—	—	10	7	53	230	58	34	177
7 persons -----	176	—	—	8	9	11	56	41	51	205
8 or more persons -----	83	—	—	—	8	8	39	17	11	183
Median -----	2.16	1.50	1.25	1.72	1.65	2.08	2.34	2.49	2.78	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Morried-couple families -----	9 055	5	29	233	901	2 141	3 669	1 289	788	167
15 to 24 years -----	30	—	—	6	2	11	10	—	1	141
25 to 34 years -----	365	—	—	16	31	90	175	24	29	163
35 to 44 years -----	867	—	—	—	55	156	439	121	96	175
45 to 64 years -----	4 683	5	9	72	342	965	1 984	831	475	174
65 years and over -----	3 110	—	20	139	471	919	1 061	313	187	150
Male householder, no wife present -----	822	2	20	60	231	165	224	114	6	140
15 to 24 years -----	14	2	—	5	—	—	2	5	—	125
25 to 34 years -----	37	—	—	3	2	11	21	—	—	156
35 to 44 years -----	53	—	3	2	19	—	8	19	2	166
45 to 64 years -----	250	—	6	10	66	78	61	27	2	139
65 years and over -----	468	—	11	40	144	76	132	63	2	138
Female householder, no husband present -----	3 080	3	44	202	812	805	856	205	153	140
15 to 24 years -----	8	—	—	8	—	—	—	—	—	88
25 to 34 years -----	20	—	—	—	3	5	6	6	—	167
35 to 44 years -----	79	—	—	—	7	—	42	20	10	189
45 to 64 years -----	899	—	8	41	194	263	298	35	60	145
65 years and over -----	2 074	3	36	153	608	537	510	144	83	136
Median age -----	62.8	58.0	72.8	70.2	68.1	64.7	60.3	58.9	58.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	329	—	5	33	53	47	127	48	16	160
1975 to 1978 -----	1 001	2	5	45	111	201	381	143	113	168
1970 to 1974 -----	1 468	5	8	31	129	339	559	254	143	170
1960 to 1969 -----	3 837	—	20	84	384	750	1 638	586	375	171
1959 or earlier -----	6 322	3	55	302	1 267	1 774	2 044	577	300	147
ROOMS										
1 to 3 rooms -----	124	—	3	18	35	34	29	5	—	129
4 rooms -----	1 836	10	54	155	590	541	340	115	31	130
5 rooms -----	4 325	—	28	151	641	1 257	1 739	383	126	152
6 rooms -----	3 576	—	6	108	401	830	1 510	462	259	165
7 rooms -----	1 786	—	—	32	175	347	745	316	171	173
8 or more rooms -----	1 310	—	2	31	102	102	386	327	360	205
Median -----	5.6	4.0	4.3	5.0	5.0	5.3	5.7	6.2	6.8	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	443	—	2	8	40	63	169	87	74	182
1970 to 1974 -----	764	5	7	10	23	107	343	152	117	184
1960 to 1969 -----	2 554	—	—	30	192	380	1 141	516	295	180
1950 to 1959 -----	3 591	—	22	40	405	919	1 472	464	269	164
1940 to 1949 -----	1 782	2	20	102	329	569	548	128	84	144
1939 or earlier -----	3 823	3	42	305	955	1 073	1 076	261	108	139
VALUE										
Less than \$10,000 -----	73	—	7	14	25	27	—	—	—	115
\$10,000 to \$19,999 -----	747	—	15	133	192	231	129	20	27	129
\$20,000 to \$29,999 -----	2 297	3	52	181	713	704	526	95	23	132
\$30,000 to \$39,999 -----	2 829	2	19	108	592	916	957	156	79	144
\$40,000 to \$49,999 -----	2 952	—	—	42	296	725	1 491	313	85	164
\$50,000 to \$59,999 -----	1 881	5	—	10	105	344	1 009	290	118	174
\$60,000 to \$79,999 -----	1 538	—	—	7	19	157	573	527	255	201
\$80,000 to \$99,999 -----	383	—	—	—	2	—	44	182	155	240
\$100,000 to \$149,999 -----	205	—	—	—	—	7	16	22	160	250+
\$150,000 or more -----	52	—	—	—	—	—	4	3	45	250+
Median -----	\$41 700	\$42 500	\$21 900	\$25 300	\$30 600	\$36 300	\$45 000	\$57 300	\$69 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	5 443	7	25	168	647	1 389	2 147	658	402	161
10 to 14 percent -----	2 783	—	32	100	408	543	1 031	447	222	165
15 to 19 percent -----	1 433	—	12	89	229	358	478	144	123	153
20 to 24 percent -----	936	3	19	50	248	232	233	85	66	141
25 to 29 percent -----	658	—	2	22	125	172	249	60	28	152
30 to 34 percent -----	468	—	—	34	107	90	164	46	27	151
35 percent or more -----	1 146	—	3	23	180	304	400	168	68	158
Not computed -----	90	—	—	9	—	23	47	—	11	164
Median -----	11.8	10	13.4	13.8	14.0	11.4	11.0	11.6	11.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	12 957	10	93	495	1 944	3 111	4 749	1 608	947	159
Steam or hot water system -----	1 851	—	—	23	145	365	638	403	277	181
Central warm-air furnace or electric heat pump -----	10 246	8	67	381	1 592	2 479	3 905	1 176	638	158
Other built-in electric units -----	74	—	—	—	18	17	18	3	18	156
Floor, wall, or pipeless furnace -----	143	—	8	13	37	55	22	3	5	131
Other means -----	643	2	18	78	152	195	166	23	9	134
Air conditioning -----	4 929	—	26	101	529	1 135	1 893	749	496	168
Central system -----	1 310	—	5	6	38	203	502	250	306	190
1 or more individual room units -----	3 619	—	21	95	491	932	1 391	499	190	160
House heating fuel -----	12 957	10	93	495	1 944	3 111	4 749	1 608	947	159
Utility gas -----	10 636	5	71	383	1 676	2 715	3 874	1 218	694	156
Bottled, tank, or LP gas -----	267	—	4	11	49	34	103	32	34	167
Electricity -----	102	—	—	—	18	33	24	9	18	150
Fuel oil, kerosene, etc. -----	1 833	3	8	93	189	297	705	337	201	173
Other -----	119	2	10	8	12	32	43	12	—	146

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

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	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
		41 260	6 008	5 367	8 728	11 690		18 648	3 246	3 764	3 140	3 452
<b>Occupied housing units</b>												
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	32 588	5 264	4 617	7 471	8 874	6 362	5 559	1 043	897	969	1 182	1 468
15 to 24 years	974	265	165	91	323	130	1 479	310	192	250	362	365
25 to 34 years	8 706	2 763	1 563	1 223	1 759	1 398	1 928	430	353	275	416	454
35 to 44 years	7 257	1 271	1 458	2 077	1 297	1 154	624	84	95	144	206	
45 to 64 years	11 514	824	1 168	3 441	3 789	2 292	796	115	128	158	179	216
65 years and over	4 137	141	263	639	1 706	1 388	732	104	129	191	81	227
Male householder, no wife present	2 778	365	237	350	887	939	4 527	771	907	625	849	1 375
15 to 24 years	271	24	27	42	114	64	1 597	288	324	238	391	356
25 to 34 years	803	185	101	87	233	197	1 561	290	287	213	347	424
35 to 44 years	430	67	66	64	101	132	488	112	143	50	24	159
45 to 64 years	628	79	35	73	231	210	496	62	94	83	39	218
65 years and over	646	10	8	84	208	336	385	19	59	41	48	218
Female householder, no husband present	5 894	379	513	907	1 929	2 166	8 562	1 432	1 960	1 546	1 421	2 203
15 to 24 years	133	15	16	11	63	28	2 519	394	545	485	528	567
25 to 34 years	654	86	110	92	203	163	2 053	411	413	274	417	538
35 to 44 years	735	74	137	268	140	116	707	151	149	158	129	120
45 to 64 years	1 776	142	151	305	625	553	1 097	134	213	225	144	381
65 years and over	2 596	62	99	231	898	1 306	2 186	342	640	404	203	597
Median age	45.9	34.0	38.7	46.5	52.9	54.5	30.2	29.0	31.8	32.3	27.9	33.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	4 476	1 884	476	568	876	672	9 094	2 098	1 766	1 281	1 894	2 055
1975 to 1978	11 399	4 124	1 625	1 613	2 348	1 689	6 430	1 148	1 448	1 214	1 022	1 598
1970 to 1974	7 255	—	3 266	1 567	1 339	1 083	1 788	—	550	412	260	566
1960 to 1969	9 083	—	—	4 980	2 411	1 692	739	—	—	233	139	367
1959 or earlier	9 047	—	—	—	4 716	4 331	597	—	—	—	137	460
<b>ROOMS</b>												
1 room	5	—	—	—	5	—	398	32	78	86	41	161
2 rooms	81	12	21	3	15	30	1 357	378	486	217	96	180
3 rooms	338	21	50	53	95	119	4 494	913	1 194	754	612	1 021
4 rooms	4 238	343	450	465	1 953	1 027	6 011	1 072	1 158	1 168	1 204	1 409
5 rooms	11 575	1 503	1 449	2 610	4 034	1 979	3 930	567	670	673	874	1 146
6 rooms	10 856	1 573	1 319	2 326	3 185	2 453	1 471	201	94	149	364	663
7 or more rooms	14 167	2 556	2 078	3 271	2 403	3 859	987	83	84	93	261	466
Median	5.9	6.2	6.0	6.0	5.4	6.1	4.0	3.8	3.6	3.9	4.3	4.3
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	41 040	5 989	5 367	8 711	11 632	9 341	18 200	3 220	3 713	3 097	3 382	4 788
0.50 or less	23 325	3 228	2 439	4 330	7 103	6 225	12 537	2 244	2 648	2 029	2 195	3 421
0.51 to 1.00	16 783	2 675	2 818	4 135	4 239	2 916	5 313	934	994	987	1 103	1 295
1.01 to 1.50	887	86	106	241	267	187	287	42	42	75	70	58
1.51 or more	45	—	4	5	23	13	63	—	29	6	14	14
Locking complete plumbing for exclusive use	220	19	—	17	58	126	448	26	51	43	70	258
0.50 or less	167	2	—	17	34	114	256	18	48	24	44	122
0.51 to 1.00	53	17	—	—	24	12	184	8	3	19	26	128
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	8
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person	5 098	367	381	597	1 810	1 943	8 217	1 486	1 972	1 316	1 191	2 252
2 persons	11 791	1 449	1 168	2 087	4 057	3 030	5 558	1 024	1 011	974	1 101	1 448
3 persons	7 240	1 205	901	1 751	2 016	1 367	2 455	435	407	425	515	673
4 persons	8 480	1 725	1 558	1 983	1 964	1 250	1 475	202	270	263	384	356
5 persons	5 037	873	834	1 379	1 065	886	609	74	75	128	148	184
6 or more persons	3 614	389	525	931	778	991	334	25	29	34	113	133
Median	3.02	3.49	3.65	3.46	2.49	2.42	1.70	1.63	1.45	1.76	1.99	1.69
Total persons	133 355	20 919	19 458	30 606	34 120	28 252	37 986	6 086	6 732	6 581	8 156	10 431
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	38 639	5 478	4 776	8 325	11 406	8 654	3 828	370	355	523	1 239	1 341
2	1 407	138	179	159	230	701	5 605	825	597	775	1 390	2 018
3 and 4	123	28	9	4	14	68	2 513	277	329	392	551	964
5 to 9	84	17	9	31	4	23	2 348	477	883	523	143	322
10 to 49	91	27	34	—	16	14	3 086	941	1 148	668	108	221
50 or more	3	—	—	—	—	3	1 118	338	385	200	18	177
Mobile home or trailer, etc.	913	320	360	209	20	4	150	18	67	59	3	3
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	41 255	6 008	5 367	8 728	11 685	9 467	18 646	3 246	3 764	3 140	3 452	5 044
Steam or hot water system	7 293	1 103	1 234	2 792	843	1 321	5 883	929	1 833	1 349	507	1 265
Central warm-air furnace or electric heat pump	30 920	4 203	3 910	5 646	10 242	6 919	9 309	1 388	1 588	1 487	2 149	2 697
Other built-in electric units	547	406	69	8	7	57	1 306	808	275	78	84	61
Floor, wall, or pipeless furnace	442	12	32	62	130	206	367	35	19	29	128	156
Other means	2 053	284	122	220	463	964	1 781	86	49	197	584	865
Air conditioning	15 597	1 929	2 144	3 876	4 844	2 804	6 781	1 780	2 164	1 320	663	854
Central system	4 273	1 032	789	1 144	1 019	289	943	259	363	167	76	78
1 or more individual room units	11 324	897	1 355	2 732	3 825	2 515	5 838	1 521	1 801	1 153	587	776
House heating fuel	41 255	6 008	5 367	8 728	11 685	9 467	18 646	3 246	3 764	3 140	3 452	5 044
Utility gas	31 800	3 321	4 529	7 740	9 460	6 750	14 275	1 782	3 096	2 658	2 854	3 885
Bottled, tank, or LP gas	1 184	165	177	291	148	403	387	30	34	67	93	163
Electricity	844	615	98	21	37	73	2 092	1 085	514	243	131	119
Fuel oil, kerosene, etc.	6 676	1 712	482	576	1 911	1 995	1 626	337	72	149	343	725
Other	751	195	81	100	129	246						

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.)

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	41 260	38 639	1 708	913	18 648	3 828	5 605	2 513	2 348	3 086	1 118	150
Condominium housing units	126	58	68	-	56	-	-	-	6	24	26	-
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	32 588	31 111	935	542	5 559	1 838	2 166	461	403	428	202	61
15 to 24 years	974	760	40	174	1 479	388	547	227	142	115	32	28
25 to 34 years	8 706	8 237	304	165	1 928	675	830	103	163	109	25	23
35 to 44 years	7 257	7 116	101	40	624	271	276	35	28	14	-	-
45 to 64 years	11 514	11 140	292	82	796	331	306	32	33	49	37	8
65 years and over	4 137	3 858	198	81	732	173	207	64	37	141	108	2
Male householder, no wife present	2 778	2 293	312	173	4 527	771	1 191	716	558	1 028	223	40
15 to 24 years	271	182	47	42	1 597	216	475	317	165	364	35	25
25 to 34 years	803	630	111	62	1 561	303	464	242	240	268	37	7
35 to 44 years	430	350	50	30	488	66	87	47	83	171	34	-
45 to 64 years	628	552	44	32	496	81	101	55	42	151	58	8
65 years and over	646	579	60	7	385	105	64	55	28	74	59	-
Female householder, no husband present	5 894	5 235	461	198	8 562	1 219	2 248	1 336	1 387	1 630	693	49
15 to 24 years	133	90	23	20	2 519	244	708	517	489	535	17	9
25 to 34 years	654	577	47	30	2 053	359	686	352	327	309	14	6
35 to 44 years	735	645	73	17	707	169	207	81	96	127	25	2
45 to 64 years	1 776	1 590	109	77	1 097	193	313	159	151	195	75	11
65 years and over	2 596	2 333	209	54	2 186	254	334	227	324	464	562	21
Median age	45.9	46.0	47.8	33.4	30.2	32.7	29.0	27.0	28.5	31.8	71.4	27.7
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	4 476	4 008	239	229	9 094	1 638	2 744	1 338	1 195	1 729	387	63
1975 to 1978	11 399	10 523	487	389	6 430	1 204	1 978	833	903	1 013	427	72
1970 to 1974	7 255	6 743	286	226	1 788	396	523	170	210	241	239	9
1960 to 1969	9 083	8 752	266	65	739	262	233	82	18	80	58	6
1959 or earlier	9 047	8 613	430	4	597	328	127	90	22	23	7	-
<b>ROOMS</b>												
1 room	5	-	5	-	398	13	18	44	40	185	98	-
2 rooms	81	41	24	16	1 357	32	87	214	303	486	230	5
3 rooms	338	207	77	54	4 494	172	519	1 026	875	1 305	588	9
4 rooms	4 238	3 291	494	453	6 011	1 008	2 406	788	810	791	116	92
5 rooms	11 575	10 754	487	334	3 930	1 210	1 727	354	277	259	71	32
6 rooms	10 856	10 402	403	51	1 471	656	643	70	31	48	15	8
7 or more rooms	14 167	13 944	218	5	987	737	205	17	12	12	-	4
Median	5.9	6.0	5.0	4.4	4.0	5.1	4.4	3.5	3.4	3.2	2.9	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	41 040	38 464	1 667	909	18 200	3 760	5 521	2 460	2 253	2 995	1 061	150
0.50 or less	23 325	21 598	1 161	566	12 537	2 203	3 638	1 765	1 697	2 259	881	94
0.51 to 1.00	16 783	15 982	474	327	5 313	1 462	1 769	661	523	665	180	53
1.01 to 1.50	887	846	25	16	287	86	96	15	33	54	-	3
1.51 or more	45	38	7	-	63	9	18	19	-	17	-	-
Lacking complete plumbing for exclusive use	220	175	41	4	448	68	84	53	95	91	57	-
0.50 or less	167	137	26	4	256	54	47	50	55	41	9	-
0.51 to 1.00	53	38	15	-	184	12	31	3	40	50	48	-
1.01 to 1.50	-	-	-	-	8	2	6	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>BEDROOMS</b>												
None	7	2	5	-	485	13	28	65	51	223	105	-
1	796	551	191	54	6 609	327	963	1 350	1 288	1 822	843	16
2	8 192	6 719	880	593	8 269	1 735	3 501	927	909	941	160	96
3	21 964	21 230	473	261	2 668	1 224	1 046	157	93	100	10	38
4	8 754	8 626	123	5	472	413	57	2	-	-	-	-
5 or more	1 547	1 511	36	-	145	116	10	12	7	-	-	-
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	2 162	1 953	121	88	3 828	444	877	707	561	669	530	40
\$5,000 to \$9,999	4 060	3 576	305	179	4 787	838	1 309	727	690	899	305	19
\$10,000 to \$12,499	2 085	1 804	177	104	1 922	359	566	292	284	345	45	31
\$12,500 to \$14,999	2 212	1 987	111	114	1 803	380	664	225	265	197	71	1
\$15,000 to \$19,999	6 651	6 193	263	195	3 070	808	1 093	365	288	451	30	35
\$20,000 to \$24,999	8 002	7 648	249	105	1 712	524	555	112	129	316	67	9
\$25,000 to \$34,999	9 763	9 339	323	101	1 088	354	381	53	94	146	52	8
\$35,000 to \$49,999	4 407	4 293	99	15	345	96	137	19	37	36	13	7
\$50,000 or more	1 918	1 846	60	12	93	25	23	13	-	27	5	-
Median	\$22 135	\$22 481	\$17 540	\$14 375	\$10 922	\$14 296	\$12 690	\$8 853	\$9 455	\$9 864	\$5 361	\$11 290
Mean	\$24 311	\$24 724	\$19 676	\$15 527	\$12 751	\$15 301	\$13 785	\$10 851	\$10 951	\$12 153	\$8 596	\$12 236
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	41 255	38 639	1 703	913	18 646	3 828	5 605	2 513	2 346	3 086	1 118	150
Steam or hot water system	7 293	6 927	360	6	5 883	432	750	868	1 351	1 778	688	16
Central warm-air furnace or electric heat pump	30 920	28 936	1 189	795	9 309	2 624	3 794	1 024	719	728	291	129
Other built-in electric units	547	517	29	1	1 306	88	188	199	200	496	134	1
Floor, wall, or pipeless furnace	442	373	20	49	367	129	138	67	15	13	5	-
Other means	2 053	1 886	105	62	1 781	555	735	355	61	71	-	4
Air conditioning	15 597	14 543	712	342	6 781	843	1 117	576	1 304	2 271	623	47
Central system	4 273	3 991	157	125	943	143	157	40	86	339	165	13
Vehicles available	39 685	37 214	1 583	888	15 080	3 426	4 807	1 858	1 804	2 515	531	139
1	12 655	11 441	768	446	10 016	1 758	2 859	1 416	1 370	2 034	469	110
2 or more	27 030	25 773	815	442	5 064	1 668	1 948	442	434	481	62	29
House heating fuel	41 255	38 629	1 703	913	18 646	3 828	5 605	2 513	2 346	3 086	1 118	150
Utility gas	31 800	29 656	1 399	745	14 275	2 720	4 661	1 981	1 838	2 133	845	97
Bottled, tank, or LP gas	1 184	1 102	16	66	387	154	94	51	34	13	7	34
Electricity	844	786	48	10	2 092	202	314	313	330	728	204	1
Fuel oil, kerosene, etc.	6 676	6 385	208	83	1 626	669	512	135	131	154	7	18
Other	751	710	32	9	266	83	24	33	13	58	55	-
Water heating fuel	41 185	38 574	1 702	909	18 608	3 800	5 605	2 501	2 348	3 086	1 118	150
Utility gas	31 435	29 445	1 362	628	13 699	2 700	4 702	1 8				

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	41 260	5 098	11 791	7 240	8 480	5 037	2 281	905	428	3.02	133 355
Nonrelatives present	1 012	—	447	235	109	94	40	48	39	2.75	3 388
<b>ROOMS</b>											
1 to 3 rooms	424	222	155	39	—	8	—	—	—	1.45	761
4 rooms	4 238	1 492	1 865	570	250	59	2	—	—	1.84	8 601
5 rooms	11 575	1 601	4 058	2 197	2 141	1 182	301	84	11	2.56	33 143
6 rooms	10 856	1 006	3 064	1 991	2 532	1 356	624	213	70	3.18	35 681
7 rooms	7 161	458	1 459	1 352	1 766	1 126	612	262	126	3.68	26 491
8 or more rooms	7 006	319	1 190	1 091	1 791	1 306	742	346	221	4.00	28 678
Median	5.9	5.0	5.5	5.9	6.2	6.4	6.8	7.1	7.6	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	41 040	5 006	11 735	7 193	8 460	5 035	2 278	905	428	3.03	132 877
1.00 or less	40 108	5 006	11 730	7 187	8 460	4 968	1 975	608	174	2.96	126 386
1.01 to 1.50	887	—	—	6	—	59	303	297	222	6.75	6 123
1.51 or more	45	—	5	—	—	8	—	—	32	8.5+	368
Locking complete plumbing for exclusive use	220	92	56	47	20	2	3	—	—	1.82	478
1.00 or less	220	92	56	47	20	2	3	—	—	1.82	478
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	38 639	4 334	10 899	6 828	8 143	4 897	2 244	869	425	3.10	125 511
2 or more	1 708	502	586	235	222	102	25	33	3	2.10	5 587
Mobile home or trailer, etc.	913	262	306	177	115	38	12	3	—	2.14	2 257
<b>VALUE</b>											
Specified owner-occupied housing units	35 260	4 001	9 980	6 263	7 607	4 457	1 948	710	294	3.08	111 813
Less than \$10,000	91	22	31	18	18	—	—	—	2	2.26	234
\$10,000 to \$19,999	1 023	290	405	145	88	47	40	2	6	2.05	2 414
\$20,000 to \$29,999	3 706	1 005	1 349	528	418	220	106	62	18	2.13	8 645
\$30,000 to \$39,999	6 103	1 039	2 034	1 053	963	524	301	116	73	2.49	17 307
\$40,000 to \$49,999	7 629	793	2 250	1 368	1 606	1 036	412	112	52	3.06	24 287
\$50,000 to \$59,999	6 373	410	1 681	1 241	1 578	937	336	157	33	3.38	21 402
\$60,000 to \$79,999	7 064	307	1 573	1 256	2 057	1 149	485	169	68	3.69	25 065
\$80,000 to \$99,999	1 947	93	401	366	535	282	191	48	31	3.71	6 891
\$100,000 to \$149,999	1 098	42	204	248	288	203	58	44	11	3.69	4 496
\$150,000 or more	226	—	52	40	56	59	19	—	—	3.88	1 072
Median	\$48 800	\$36 300	\$45 400	\$50 100	\$54 300	\$54 300	\$52 400	\$52 500	\$49 500	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	41 260	5 098	11 791	7 240	8 480	5 037	2 281	905	428	3.02	133 355
Median income	\$22 135	\$8 214	\$19 839	\$23 912	\$24 409	\$25 331	\$26 576	\$27 201	\$33 015	...	...
Median selected monthly owner costs as percentage of household income	17.7	27.0	16.2	16.9	17.9	17.4	15.6	14.6	12.5	...	...
With a mortgage	20.0	28.8	20.3	20.3	19.9	19.1	17.8	17.4	14.1	...	...
Not mortgaged	11.8	25.9	12.6	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	1 583	581	315	217	182	127	93	40	28	2.17	...
Median income	\$3 200	\$2 595	\$3 037	\$2 854	\$4 526	\$5 163	\$5 737	\$3 571	\$10 781	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	30.0	40.8	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	—	45.8	...	...
Not mortgaged	50+	50+	48.6	50+	50+	13.3	50+	30.0	23.8	...	...
Renter-occupied housing units	18 648	8 217	5 558	2 455	1 475	609	182	88	64	1.70	37 986
Nonrelatives present	2 444	—	1 676	447	199	65	32	25	—	2.23	6 007
<b>ROOMS</b>											
1 room	398	364	34	—	—	—	—	—	—	1.05	429
2 rooms	1 357	1 111	213	27	4	—	2	—	—	1.11	1 631
3 rooms	4 494	3 355	950	126	63	—	—	—	—	1.17	5 700
4 rooms	6 011	2 203	2 403	971	362	45	13	14	—	1.83	11 857
5 rooms	3 930	847	1 317	842	508	291	78	38	9	2.35	10 521
6 rooms	1 471	229	417	358	318	104	25	8	12	2.75	4 289
7 or more rooms	987	108	224	131	220	169	64	28	43	3.64	3 559
Median	4.0	3.3	4.2	4.6	5.1	5.4	5.5	5.3	8.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	18 200	7 898	5 499	2 399	1 470	606	176	88	64	1.72	37 330
1.00 or less	17 850	7 898	5 465	2 374	1 403	561	89	28	32	1.69	35 468
1.01 to 1.50	287	—	—	25	63	45	85	46	23	5.62	1 604
1.51 or more	63	—	34	—	4	—	2	14	9	2.43	258
Locking complete plumbing for exclusive use	448	319	59	56	5	3	6	—	—	1.20	656
1.00 or less	440	319	59	54	5	3	—	—	—	1.19	630
1.01 to 1.50	8	—	—	2	—	—	6	—	—	5.83	26
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	3 828	847	1 131	758	588	300	126	50	28	2.44	10 759
2	5 605	1 677	2 061	943	577	241	51	38	17	2.05	12 995
3 and 4	2 513	1 349	764	255	95	36	—	—	14	1.43	4 304
5 to 9	2 348	1 386	577	252	99	24	5	—	5	1.35	3 818
10 to 49	3 086	1 990	802	201	88	5	—	—	—	1.28	4 478
50 or more	1 118	899	197	12	10	—	—	—	—	1.12	1 342
Mobile home or trailer, etc.	150	69	26	34	18	3	—	—	—	1.73	290
<b>GROSS RENT</b>											
Specified renter-occupied housing units	18 238	8 141	5 443	2 375	1 399	577	164	77	62	1.68	36 831
Less than \$100	1 076	924	63	41	45	3	—	—	—	1.08	1 236
\$100 to \$149	1 379	970	335	44	25	2	—	3	—	1.21	1 901
\$150 to \$199	4 006	2 475	1 037	273	154	43	16	8	—	1.31	6 273
\$200 to \$249	5 209	2 381	1 767	624	264	132	28	—	13	1.63	9 720
\$250 to \$299	3 070	762	1 223	658	285	97	31	9	5	2.13	7 197
\$300 to \$349	1 926	334	591	484	349	117	10	29	12	2.58	5 409
\$350 to \$399	670	91	152	138	134	106	39	10	—	3.17	2 341
\$400 to \$499	369	33	94	58	67	60	27	8	22	3.49	1 392
\$500 or more	78	10	19	—	34	7	7	—	1	3.79	299
No cash rent	455	161	162	55	42	10	6	10	9	1.91	1 063
Median	\$222	\$194	\$234	\$265	\$282	\$303	\$320	\$323	\$335	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	18 648	8 217	5 558	2 455	1 475	609	182	88	64	1.70	37 986
Median income	\$10 922	\$7 818	\$14 199	\$13 001	\$14 038	\$14 922	\$19 286	\$12 708	\$10 714	...	...
Median gross rent as percentage of household income	24.2	26.4	20.7	24.6	24.7	24.9	19.3	45.9	34.6	...	...
Income in 1979 below poverty level	3 333	1 416	828	492	342	142	20	56	37	1.80	...
Median income	\$3 496	\$2 542	\$4 110	\$4 147	\$5 538	\$6 491	\$8 333	\$7 188	\$2 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	38.5	50+	50+	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Married-couple families						Male householder, no wife present						Female householder, no husband present					
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age		
Total	41 260	974	8 706	7 257	11 514	4 137	271	803	430	628	446	133	654	735	1 776	2 596	45.9	
Owner-occupied housing units																		
PERSONS IN UNIT																		
1 person	5 098	544	1 718	341	3 842	3 510	138	534	252	342	485	65	175	81	894	2 132	65.5	
2 persons	11 791	290	1 930	723	2 898	449	106	165	150	109	33	170	113	502	401	58.7		
3 persons	7 240	116	3 183	2 360	2 187	148	27	60	53	45	35	191	193	228	42	45.8		
4 persons	8 480	14	4 118	2 055	1 350	13	-	38	22	42	5	-	79	104	104	4	37.7	
5 persons	5 037	-	457	1 778	1 237	17	-	6	9	18	-	-	11	106	25	2	39.7	
6 or more persons	3 614	-	-	-	-	-	-	-	-	-	-	-	28	50	23	15	42.6	
Median	3.02	2.40	3.72	4.60	3.16	2.09	1.48	1.25	1.35	1.42	1.17	1.55	2.39	3.40	1.49	1.11	...	
Total persons	133 355	2 577	31 746	34 364	40 191	9 211	455	1 274	786	1 168	878	224	1 582	2 570	3 207	3 142	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use																		
1.01 or more persons per room	41 040	972	8 702	7 245	11 474	4 085	269	791	427	605	603	133	654	735	1 757	2 588	45.8	
Lacking complete plumbing for exclusive use	932	2	128	432	328	7	5	2	12	3	23	43	-	-	-	5	42.7	
1.01 or more persons per room	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	63.9	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified owner-occupied housing units																		
With a mortgage	35 260	709	6 557	9 818	3 425	172	567	328	485	496	85	561	604	1 446	2 213	45.4		
Less than 15 percent	22 303	679	5 690	5 135	315	158	530	235	28	77	9	54	525	547	139	37.4		
15 to 19 percent	5 686	59	827	1 817	2 495	69	22	61	73	67	3	60	32	74	18	44.4		
20 to 24 percent	5 453	153	1 935	1 653	1 260	63	9	98	58	54	-	19	25	125	1	37.5		
25 to 29 percent	4 574	205	2 232	1 029	573	49	60	111	36	8	2	70	58	58	9	33.5		
30 to 34 percent	2 635	107	1 239	485	372	15	30	101	48	23	-	19	38	98	54	6		
35 percent or more	1 563	80	592	318	157	36	8	85	38	14	7	19	84	49	22	33.7		
Not computed	3 355	75	603	376	276	83	29	72	21	41	-	10	28	263	220	177	81	
Median	20.0	23.1	22.1	18.1	15.3	22.6	-	24.0	24.7	20.9	-	-	32.1	34.8	31.0	26.3	41.5	
Not mortgaged	12 957	30	365	867	4 683	3 110	14	728	7	53	53	250	468	8	20	79	899	
Less than 10 percent	5 443	21	216	591	3 149	211	1 010	777	5	22	22	136	72	-	20	252	213	
10 to 14 percent	2 783	8	136	273	620	31	273	620	-	7	7	37	96	6	3	21	280	
15 to 19 percent	4 433	-	2	15	106	403	2	106	403	-	11	19	50	26	6	131	272	
20 to 24 percent	936	-	6	2	18	257	-	18	257	-	-	16	47	-	6	4	67	
25 to 29 percent	658	1	-	2	35	114	-	114	114	-	-	34	34	39	6	39	272	
30 to 34 percent	1 146	-	-	17	68	198	-	7	7	-	9	106	-	6	7	54	218	
35 percent or more	90	-	5	10-	10-	10-	-	24	13	-	7	10-	7	-	15	127	59	
Not computed	11.8	-	10-	-	-	-	-	15.4	10.0	14.5	-	10.6	-	-	-	13	28	
Median	18 648	1 479	1 928	624	796	1 597	1 561	488	496	385	2 519	2 053	707	1 097	2 186	30.2		
Renter-occupied housing units																		
PERSONS IN UNIT																		
1 person	8 217	-	586	110	-	-	874	1 111	394	410	335	1 159	888	253	783	2 010	36.0	
2 persons	5 556	708	524	114	438	633	553	385	64	52	50	55	576	143	154	154	27.6	
3 persons	2 455	501	551	146	122	16	116	43	18	32	-	112	357	136	82	20	27.4	
4 persons	1 475	-	191	155	55	4	26	14	9	-	112	158	100	100	22	-	30.1	
5 persons	609	49	22	76	99	52	13	8	3	2	-	68	43	43	27	-	34.4	
6 or more persons	334	22	3.22	4.10	2.41	2.08	1.41	1.20	1.12	1.10	1.07	1.61	6	32	12	2	37.7	
Median	1.70	2.56	4.172	6 462	2 718	2 382	1 638	2 449	2 201	672	436	4 367	4 078	1 865	1 20	1 04	...	...
Total persons	37 986	8	-	-	-	-	-	-	-	-	-	-	-	-	1 611	2 308	41.7	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use																		
1.01 or more persons per room	18 200	1 459	1 920	610	796	721	1 561	1 516	467	320	2 460	2 011	694	1 081	2 128	30.0		
Lacking complete plumbing for exclusive use	350	38	70	14	-	27	11	29	-	65	47	11	23	17	2	29.8		
1.01 or more persons per room	448	20	-	-	6	-	36	45	32	-	42	13	16	16	58	37.5		
Median	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.7	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified renter-occupied housing units																		
Less than 15 percent	18 238	1 439	1 816	596	739	710	1 590	1 549	486	371	2 505	2 033	695	1 087	2 159	30.1		
15 to 19 percent	3 319	294	460	155	241	80	313	508	175	216	30	299	196	66	189	97	30.1	
20 to 24 percent	3 124	451	367	376	256	101	193	220	423	114	41	47	296	310	118	139	225	
25 to 29 percent	2 763	146	196	196	196	60	115	223	41	59	52	350	205	64	147	292	29.6	
30 to 34 percent	1 387	50	119	62	149	104	149	65	45	6	41	43	206	198	64	147	29.0	
35 to 49 percent	2 182	94	98	50	123	245	123	13	13	13	13	13	368	149	53	217	31.8	
50 percent or more	2 967	108	139	50	32	280	114	84	47	40	716	456	149	169	169	33.3		
Not computed	715	40	61	22	70	71	28	14	21	24	45	42	31.8	226	462	226	29.5	
Median	24.2	19.5	20.7	21.8	25.3	26.7	18.0	25.3	26.7	17.5	15.4	29.1	31.8	27.1	33.6	32.1	...	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	5 098	1 751	138	534	252	342	485	3 347	65	175	81	894	2 132
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 006	1 676	136	522	249	326	443	3 330	65	175	81	881	2 128
Locking complete plumbing for exclusive use	92	75	2	12	3	16	42	17	-	-	-	13	4
UNITS IN STRUCTURE													
1, detached or attached	4 334	1 407	86	405	194	298	424	2 927	45	135	63	774	1 910
2 or more	502	209	20	83	28	24	54	293	9	27	18	68	171
Mobile home or trailer, etc.	262	135	32	46	30	20	7	127	11	13	-	52	51
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 382	226	14	14	6	38	154	1 156	7	-	15	174	960
\$5,000 to \$9,999	1 515	336	9	36	18	49	224	1 179	21	45	18	294	801
\$10,000 to \$12,499	465	136	17	40	17	34	28	329	8	55	6	119	141
\$12,500 to \$14,999	368	210	31	79	15	63	22	158	-	24	-	78	56
\$15,000 to \$19,999	747	414	62	182	64	73	33	333	20	40	23	159	91
\$20,000 to \$24,999	324	219	-	103	62	43	11	105	9	11	12	25	48
\$25,000 to \$34,999	174	129	5	66	31	27	-	45	-	-	-	32	13
\$35,000 to \$49,999	60	33	-	7	24	-	2	27	-	-	7	13	7
\$50,000 or more	63	48	-	7	15	15	11	15	-	-	-	-	15
Median	\$8 214	\$14 613	\$14 839	\$17 290	\$20 313	\$14 484	\$6 569	\$6 546	\$11 406	\$11 932	\$15 268	\$9 535	\$5 416
Mean	\$11 208	\$15 689	\$13 480	\$18 056	\$24 942	\$16 471	\$8 351	\$8 865	\$12 820	\$12 802	\$14 700	\$11 046	\$7 284
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	4 001	1 248	76	364	184	262	362	2 753	45	128	63	703	1 814
With a mortgage	1 231	709	72	347	165	108	17	522	39	128	48	195	112
Less than \$200	119	24	8	-	7	-	9	95	-	6	7	53	29
\$200 to \$249	109	46	3	18	11	14	-	63	-	13	-	22	28
\$250 to \$299	236	128	2	80	20	26	-	108	10	34	8	43	13
\$300 to \$349	201	133	25	35	54	13	6	68	7	20	13	22	6
\$350 to \$399	177	119	16	57	22	24	-	58	-	13	5	27	13
\$400 to \$499	185	95	9	48	17	19	2	90	8	34	-	28	20
\$500 to \$599	101	76	7	29	33	7	-	25	7	8	7	-	3
\$600 to \$749	88	80	2	73	-	5	-	8	-	-	8	-	-
\$750 or more	15	8	-	7	1	-	-	7	7	-	-	-	-
Median	\$338	\$360	\$346	\$386	\$341	\$352	\$188	\$298	\$416	\$327	\$335	\$276	\$248
Not mortgaged	2 770	539	4	17	19	154	345	2 231	6	-	15	508	1 702
Less than \$50	5	2	2	-	-	-	-	3	-	-	-	-	3
\$50 to \$74	62	20	-	-	3	6	11	42	-	-	-	8	34
\$75 to \$99	197	53	-	3	2	10	38	144	6	-	-	23	115
\$100 to \$124	849	167	-	2	-	59	106	682	-	-	7	147	528
\$125 to \$149	647	79	-	-	-	26	53	568	-	-	-	145	423
\$150 to \$199	732	159	2	12	2	47	96	573	-	-	-	142	431
\$200 to \$249	190	57	-	-	12	6	39	133	-	-	8	14	111
\$250 or more	88	2	-	-	-	-	2	86	-	-	-	29	57
Median	\$136	\$134	\$100	\$165	\$210	\$127	\$133	\$136	\$88	-	\$203	\$138	\$135
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	27.0	24.2	25.6	27.0	19.8	18.9	25.0	28.7	30.5	31.6	27.0	19.8	30.3
With a mortgage	28.8	26.6	26.1	27.6	21.8	26.5	50+	32.6	31.5	31.6	24.5	31.4	46.1
Not mortgaged	25.9	20.0	15.0	20.3	10-	10.8	24.1	27.5	12.5	-	50+	18.0	29.4
Income in 1979 below poverty level	581	120	12	12	6	30	60	461	7	-	7	100	347
Percent below poverty level	11.4	6.9	8.7	2.2	2.4	8.8	12.4	13.8	10.8	-	8.6	11.2	16.3
Renter-occupied housing units	8 217	3 124	874	1 111	394	410	335	5 093	1 159	888	253	783	2 010
PLUMBING FACILITIES													
Complete plumbing for exclusive use	7 898	2 931	841	1 077	362	381	270	4 967	1 123	873	247	767	1 957
Locking complete plumbing for exclusive use	319	193	33	34	32	29	65	126	36	15	6	16	53
UNITS IN STRUCTURE													
1, detached or attached	847	448	80	194	27	57	90	399	42	55	24	91	187
2	1 677	663	226	259	64	79	35	1 014	244	246	28	213	283
3 and 4	1 349	521	195	182	47	48	49	828	275	184	52	129	188
5 to 9	1 386	433	112	198	74	21	28	953	279	172	59	119	324
10 to 49	1 990	807	209	237	148	139	74	1 183	294	217	70	152	450
50 or more	899	223	35	37	34	58	59	676	17	14	20	68	557
Mobile home or trailer, etc.	69	29	17	4	-	8	-	40	8	-	-	11	21
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 692	702	266	106	76	82	172	1 990	391	112	63	260	1 164
\$5,000 to \$9,999	2 429	742	311	201	47	55	128	1 687	437	311	50	256	633
\$10,000 to \$12,499	905	368	105	166	31	48	18	537	183	163	27	64	100
\$12,500 to \$14,999	627	283	77	161	25	16	4	344	50	143	31	74	46
\$15,000 to \$19,999	937	586	89	310	100	74	13	351	56	146	63	64	22
\$20,000 to \$24,999	412	275	18	140	49	68	-	137	42	13	13	45	24
\$25,000 to \$34,999	141	123	8	16	46	53	-	18	-	-	-	4	14
\$35,000 to \$49,999	51	28	-	11	10	7	-	23	-	-	6	10	7
\$50,000 or more	23	17	-	-	10	7	-	6	-	-	6	-	-
Median	\$7 818	\$10 802	\$7 362	\$13 781	\$16 154	\$15 294	\$4 919	\$6 551	\$7 023	\$10 322	\$11 250	\$7 530	\$4 614
Mean	\$9 658	\$11 990	\$8 194	\$13 588	\$17 175	\$15 798	\$5 833	\$8 228	\$7 362	\$10 450	\$11 620	\$11 955	\$5 868
GROSS RENT													
Specified renter-occupied housing units	8 141	3 079	872	1 106	392	385	324	5 062	1 155	879	253	781	1 994
Less than \$100	924	234	40	42	32	39	81	690	28	5	13	65	579
\$100 to \$149	970	350	86	80	59	60	65	620	118	91	5	138	268
\$150 to \$199	2 475	1 049	386	365	103	121	74	1 426	489	331	67	213	326
\$200 to \$249	2 381	910	273	401	100	106	30	1 471	385	330	106	208	442
\$250 to \$299	762	295	56	134	37	31	37	467	103	66	34	94	170
\$300 to \$349	334	118	19	49	29	18	3	216	21	47	28	33	87
\$350 to \$399	91	44	6	21	13	-	4	47	6	9	-	19	13
\$400 to \$499	33	11	-	5	6	-	-	22	-	-	-	-	22
\$500 or more	10	10	4	-	6	-	-	-	-	-	-	-	-
No cash rent	161	58	2	9	7	10	30	103	5	-	-	11	87
Median	\$194	\$195	\$192	\$206	\$199	\$186	\$151	\$193	\$196	\$201	\$215	\$192	\$173
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	26.4	21.9	31.4	18.7	17.6	15.2	31.0	29.1	31.4	23.2	24.6	27.5	32.9
Income in 1979 below poverty level	1 416	388	178	70	58	42	40	1 028	341	99	42	161	385
Percent below poverty level	17.2	12.4	20.4	6.3	14.7	10.2	11.9	20.2	29.4	11.1	16.6</td		

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months
					Vacant for sale only housing units	Vacant for rent housing units				
Vacant for sale only housing units	541	140	206	195			665	401	170	94
ROOMS					ROOMS					
1 to 3 rooms	41	15	16	10	1 room		70	44	16	10
4 rooms	75	6	19	50	2 rooms		65	44	13	8
5 rooms	87	34	20	33	3 rooms		187	124	42	21
6 rooms	150	32	82	36	4 rooms		124	48	37	39
7 rooms	70	17	19	34	5 rooms		120	93	18	9
8 or more rooms	118	36	50	32	6 rooms		50	26	19	5
Median	5.9	6.0	6.1	5.6	7 or more rooms		49	22	25	2
					Median		3.6	3.4	3.9	3.7
PLUMBING FACILITIES					PLUMBING FACILITIES					
Complete plumbing for exclusive use	526	138	206	182	Complete plumbing for exclusive use		599	375	154	70
Lacking complete plumbing for exclusive use	15	2	—	13	Lacking complete plumbing for exclusive use		66	26	16	24
BEDROOMS					BEDROOMS					
None	15	15	—	—	None		82	56	16	10
1	34	6	16	12	1		267	184	55	28
2	120	18	31	71	2		185	96	42	47
3	261	69	106	86	3		103	48	48	7
4	110	32	53	25	4		22	17	5	—
5 or more	1	—	—	1	5 or more		6	—	4	2
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT					
1975 to March 1980	260	56	100	104	1975 to March 1980		66	32	30	4
1970 to 1974	28	16	2	10	1970 to 1974		141	134	5	2
1960 to 1969	74	9	27	38	1960 to 1969		80	40	33	7
1950 to 1959	22	8	10	4	1950 to 1959		38	20	6	12
1940 to 1949	52	6	33	13	1940 to 1949		71	46	12	13
1939 or earlier	105	45	34	26	1939 or earlier		269	129	84	56
UNITS IN STRUCTURE					UNITS IN STRUCTURE					
1, detached or attached	456	115	188	153	1, detached		128	79	26	23
2 or more	83	25	18	40	2		176	77	54	45
Mobile home or trailer	2	—	—	2	3 and 4		94	77	17	—
HEATING EQUIPMENT					5 to 9		95	58	37	—
Central heating system	500	101	206	193	10 to 49		111	69	19	23
Other means	39	39	—	—	50 or more		47	30	17	—
None	2	—	—	2	Mobile home or trailer		14	11	—	3
PRICE ASKED					RENT ASKED					
Specified vacant for sale only housing units	434	113	184	137	Specified vacant for rent housing units		650	386	170	94
Less than \$10,000	8	—	—	8	Less than \$100		108	48	54	6
\$10,000 to \$19,999	9	—	4	5	\$100 to \$149		79	43	16	20
\$20,000 to \$29,999	63	14	40	9	\$150 to \$199		236	129	62	45
\$30,000 to \$39,999	24	—	16	8	\$200 to \$249		123	87	19	17
\$40,000 to \$49,999	54	20	13	21	\$250 to \$299		50	34	14	2
\$50,000 to \$59,999	59	18	11	30	\$300 to \$399		35	31	—	4
\$60,000 to \$79,999	131	33	56	42	\$400 or more		19	14	5	—
\$80,000 to \$99,999	49	9	34	6	Median		\$180	\$194	\$163	\$171
\$100,000 or more	37	19	10	8						
Median	\$60 000	\$61 300	\$61 500	\$54 000						

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Price asked—Specified vacant for sole only housing units						Rent asked—Specified vacant for rent housing units							
	Total	\$10,000 Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	434	8	72	78	239	37	60 000	650	108	315	173	35	19	180
PLUMBING FACILITIES														
Complete plumbing for exclusive use	423	5	72	70	239	37	60 500	584	68	289	173	35	19	190
Lacking complete plumbing for exclusive use	11	3	—	8	—	—	41 600	66	40	26	—	—	—	75
BEDROOMS														
None	—	—	—	—	—	—	—	82	44	38	—	—	—	87
1	23	—	13	10	—	—	22 200	267	33	128	92	—	14	195
2	68	8	19	21	20	—	41 700	185	3	103	64	15	—	179
3	234	—	31	39	144	20	58 300	103	28	38	17	20	—	166
4	108	—	9	8	75	16	82 000	7	—	2	—	—	5	430
5 or more	1	—	—	—	—	1	200 000+	6	—	6	—	—	—	108
YEAR STRUCTURE BUILT														
1975 to March 1980	208	3	—	—	172	33	69 300	66	12	14	27	13	—	213
1970 to 1974	22	—	—	—	18	4	68 800	141	14	62	44	7	14	199
1960 to 1969	72	—	13	14	45	—	51 600	80	—	13	47	15	5	220
1950 to 1959	20	—	8	12	—	—	45 800	38	—	26	12	—	—	195
1940 to 1949	46	—	15	27	4	—	36 900	71	—	52	19	—	—	160
1939 or earlier	66	5	36	25	—	—	28 900	254	82	148	24	—	—	150
UNITS IN STRUCTURE														
1, detached or attached	434	8	72	78	239	37	60 000	113	5	48	35	20	5	207
2 or more	...	...	...	...	...	...	...	523	94	262	138	15	14	177
Mobile home or trailer	...	...	...	...	...	...	...	14	9	5	—	—	—	78

Table B—1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Green Bay city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	18 214	36	680	2 487	4 245	4 502	2 989	2 270	587	383	35	43 600	46 500
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	13 893	18	345	1 450	3 017	3 645	2 564	2 007	494	327	26	45 900	48 700
15 to 24 years	373	—	5	65	128	96	61	18	—	—	—	39 100	40 600
25 to 34 years	3 572	9	31	193	831	1 000	878	452	92	79	7	47 600	49 700
35 to 44 years	2 521	—	17	236	398	662	380	514	179	124	11	49 200	54 800
45 to 64 years	5 326	5	161	520	1 118	1 296	1 027	888	184	119	8	46 800	49 200
65 years and over	2 101	4	131	436	542	591	218	135	39	5	—	38 700	39 700
Male householder, no wife present	1 207	7	67	294	296	240	117	118	39	23	6	37 700	42 200
15 to 24 years	92	—	—	31	20	16	15	10	—	—	—	33 800	39 200
25 to 34 years	319	—	—	72	68	79	46	29	12	7	6	42 000	47 200
35 to 44 years	161	—	19	7	63	6	23	32	4	7	—	36 700	46 000
45 to 64 years	321	7	42	68	50	70	26	36	13	9	—	38 900	41 800
65 years and over	314	—	6	116	95	69	7	11	10	—	—	35 200	36 600
Female householder, no husband present	3 114	11	268	743	932	617	308	145	54	33	3	35 600	38 100
15 to 24 years	41	—	—	19	16	6	—	—	—	—	—	35 500	34 200
25 to 34 years	412	—	31	61	147	78	70	18	—	7	—	38 100	41 200
35 to 44 years	290	—	6	35	61	91	67	25	—	5	—	43 100	44 500
45 to 64 years	929	11	47	208	263	219	70	61	34	16	—	37 100	40 700
65 years and over	1 442	—	184	420	445	223	101	41	20	5	3	32 400	34 500
Median age	49.2	56.3	63.7	59.2	52.3	47.5	44.2	45.7	45.3	40.6	42.0	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 773	—	16	169	311	450	350	302	39	119	17	48 500	54 400
1975 to 1978	4 504	5	117	387	1 002	936	971	689	242	148	7	47 900	50 900
1970 to 1974	2 798	14	55	284	566	781	473	452	122	46	5	46 600	48 900
1960 to 1969	4 200	7	156	401	902	1 230	743	574	124	60	3	45 400	47 200
1959 or earlier	4 939	10	336	1 246	1 464	1 105	452	253	60	10	3	35 600	37 600
<b>ROOMS</b>													
1 to 3 rooms	148	4	53	54	18	—	6	6	—	7	—	24 200	29 500
4 rooms	2 152	10	206	687	838	314	51	27	6	10	3	31 900	33 100
5 rooms	5 773	16	170	856	1 504	1 884	1 054	261	22	6	—	41 800	41 500
6 rooms	4 979	6	175	497	1 107	1 319	1 047	679	113	31	5	45 300	46 200
7 rooms	2 801	—	42	280	468	634	535	655	129	58	—	49 600	51 800
8 or more rooms	2 361	—	34	113	310	351	296	642	317	271	27	63 000	66 200
Median	5.7	4.8	5.0	5.1	5.3	5.5	5.9	6.7	7.6	8.2	8.5+	...	...
<b>BEDROOMS</b>													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	314	4	78	109	58	52	—	—	—	7	—	27 800	30 500
2	4 154	17	324	1 247	1 403	689	278	143	25	20	8	33 300	35 500
3	9 796	9	233	794	2 091	2 883	2 088	1 292	260	146	—	46 100	47 700
4	3 446	—	39	264	615	725	576	800	245	155	27	51 300	56 200
5 or more	504	6	6	73	78	153	41	35	57	55	—	46 500	55 300
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	1 638	—	—	18	134	464	630	174	201	17	17	65 400	72 000
1970 to 1974	1 462	19	—	5	118	453	405	308	120	34	—	52 700	56 800
1960 to 1969	3 458	—	15	64	341	1 048	991	727	173	91	8	52 100	55 600
1950 to 1959	4 565	6	90	504	1 309	1 462	742	359	55	31	7	42 500	43 800
1940 to 1949	2 482	4	93	551	925	639	174	66	27	—	3	36 600	37 700
1939 or earlier	4 609	7	482	1 363	1 534	766	213	180	38	26	—	32 500	34 600
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	1 092	7	93	320	344	179	66	64	19	—	—	33 500	36 000
\$5,000 to \$9,999	2 034	15	230	578	628	341	158	41	43	—	—	33 000	34 800
\$10,000 to \$12,499	970	5	60	158	366	201	108	50	11	11	—	37 300	39 400
\$12,500 to \$14,999	1 095	—	51	192	359	284	137	49	12	8	3	38 800	40 600
\$15,000 to \$19,999	3 278	—	112	496	800	1 007	492	305	47	14	5	42 100	43 100
\$20,000 to \$24,999	3 616	—	73	353	798	1 112	690	491	50	49	—	45 700	46 600
\$25,000 to \$34,999	3 783	9	44	292	701	901	912	696	138	84	6	49 400	51 300
\$35,000 to \$49,999	1 718	—	11	84	236	365	327	406	197	85	7	54 500	59 600
\$50,000 or more	628	—	6	14	13	112	99	168	70	132	14	65 500	75 100
Median	\$20 881	\$9 091	\$10 708	\$14 941	\$17 485	\$21 067	\$24 024	\$26 329	\$30 383	\$37 676	\$44 222	...	...
Mean	\$22 507	\$12 539	\$13 537	\$16 625	\$18 151	\$22 339	\$25 421	\$29 499	\$32 503	\$44 882	\$60 068	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	10 574	6	208	974	2 312	2 711	1 974	1 603	441	313	32	46 700	50 200
Less than 15 percent	2 797	—	81	298	647	759	470	351	118	65	8	45 100	48 400
15 to 19 percent	2 351	—	27	239	483	654	446	332	118	52	—	46 600	49 700
20 to 24 percent	2 188	—	28	197	470	603	409	372	55	54	—	46 700	49 700
25 to 29 percent	1 225	6	11	82	260	262	323	179	33	57	12	49 700	53 100
30 to 34 percent	762	—	19	62	142	211	111	153	37	27	—	47 300	51 300
35 percent or more	1 239	—	42	96	303	222	215	216	75	58	12	47 900	52 800
Not computed	12	—	—	7	—	—	—	5	—	—	—	39 300	57 300
Median	20.3	27.5	19.3	19.0	20.2	19.6	20.9	21.6	19.2	23.7	28.3	...	...
Not mortgaged	7 640	30	472	1 513	1 933	1 791	1 015	667	146	70	3	39 300	41 200
Less than 10 percent	2 917	14	94	478	648	741	546	324	42	30	—	42 800	44 000
10 to 14 percent	1 702	9	128	221	400	436	231	212	50	15	3	42 100	43 400
15 to 19 percent	963	—	72	208	261	247	89	55	13	15	—	38 200	39 700
20 to 24 percent	534	—	72	128	174	85	32	27	6	10	—	33 400	36 200
25 to 29 percent	414	—	11	156	113	68	41	—	—	—	—	32 000	36 700
30 to 34 percent	299	—	33	85	87	51	19	14	10	—	—	34 400	37 600
35 percent or more	750	—	62	205	243	157	57	26	—	—	—	35 500	35 600
Not computed	61	7	—	32	7	6	—	9	—	—	—	26 300	34 100
Median	12.6	10—	16.0	16.0	13.9	11.7	10—	10.1	13.1	11.7	17.5	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	18 180	36	667	2 480	4 238	4 495	2 989	2 270	587	383	35	43 700	46 500
1.01 or more persons per room	316	—	11	43	91	94	53	24	—	—	—	42 200	42 000
Lacking complete plumbing for exclusive use	34	—											

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

## Green Bay city

## Specified renter-occupied housing units

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 364	28	144	516	896	756	571	243	108	10	92	253
15 to 24 years	960	—	25	233	274	244	135	22	10	7	10	239
25 to 34 years	1 104	—	13	114	338	226	239	120	38	—	16	264
35 to 44 years	339	—	—	36	82	78	69	42	23	—	9	281
45 to 64 years	467	18	35	50	61	96	93	59	32	3	20	284
65 years and over	494	10	71	83	141	112	35	—	5	—	37	220
Male householder, no wife present	3 170	212	349	975	859	455	148	44	69	12	47	201
15 to 24 years	1 126	43	105	371	294	214	45	16	19	6	13	209
25 to 34 years	1 083	41	82	318	361	150	77	19	28	—	7	211
35 to 44 years	362	32	48	98	87	36	16	5	22	6	12	198
45 to 64 years	356	31	61	118	99	34	10	—	—	—	3	185
65 years and over	243	65	53	70	18	21	—	4	—	—	12	148
Female householder, no husband present	6 409	656	575	1 566	1 953	966	419	163	40	—	71	209
15 to 24 years	1 874	64	138	599	641	255	142	18	12	—	5	209
25 to 34 years	1 528	17	86	362	544	321	111	83	4	—	—	225
35 to 44 years	480	13	—	65	147	124	56	51	24	—	—	254
45 to 64 years	841	63	131	205	218	122	86	7	—	—	9	204
65 years and over	1 686	499	220	335	403	144	24	4	—	—	57	173
Median age	30.3	70.8	51.7	28.0	28.8	28.8	30.6	32.1	34.7	24.2	65.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 471	326	449	1 536	1 834	1 150	677	275	167	13	44	224
1975 to 1978	4 347	310	339	1 050	1 337	730	363	134	39	9	36	215
1970 to 1974	1 247	237	133	279	327	167	44	33	6	—	21	196
1960 to 1969	533	13	76	114	162	93	41	4	5	—	25	213
1959 or earlier	345	10	71	78	48	37	13	4	—	—	84	183
ROOMS												
1 room	293	109	56	56	40	14	6	—	6	6	—	128
2 rooms	1 025	229	138	242	347	45	16	8	—	—	—	191
3 rooms	3 356	514	463	1 290	832	204	39	—	—	—	14	179
4 rooms	4 057	20	289	966	1 456	808	386	69	16	—	47	226
5 rooms	2 681	24	73	377	758	723	424	195	68	—	39	255
6 rooms	1 046	—	28	104	206	290	165	130	70	—	53	273
7 or more rooms	485	—	21	22	69	93	102	48	57	16	57	304
Median	3.9	2.7	3.2	3.5	3.9	4.5	4.8	5.3	5.8	7.0	5.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	12 943	896	1 068	3 057	3 708	2 177	1 138	450	217	22	210	217
Complete plumbing for exclusive use	12 621	772	1 017	3 021	3 635	2 155	1 133	450	217	22	199	218
0.50 or less	8 842	664	831	2 301	2 675	1 414	571	146	79	6	155	209
0.51 to 1.00	3 547	68	186	670	928	717	518	283	117	16	44	245
1.01 to 1.50	182	35	—	22	26	24	38	21	16	—	—	258
1.51 or more	50	5	—	28	6	—	6	—	5	—	—	194
Lacking complete plumbing for exclusive use	322	124	51	36	73	22	5	—	—	—	11	127
0.50 or less	167	46	27	31	40	12	—	—	—	—	11	158
0.51 to 1.00	149	78	24	5	27	10	5	—	—	—	—	99
1.01 to 1.50	6	—	—	—	6	—	—	—	—	—	—	238
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	2 651	280	219	734	679	411	188	70	47	—	23	206
Complete plumbing for exclusive use	2 547	253	209	715	643	404	183	70	47	—	23	206
1.01 or more persons per room	151	35	—	41	6	7	39	10	13	—	—	200
Locking complete plumbing for exclusive use	104	27	10	19	36	7	5	—	—	—	—	193
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	367	126	80	75	46	22	6	—	6	6	—	131
1	4 861	688	636	1 816	1 369	265	44	18	—	25	183	183
2	5 805	77	309	1 046	2 021	1 435	687	113	37	6	74	235
3	1 642	5	29	114	235	418	344	290	149	—	58	299
4	187	—	—	—	19	37	52	24	15	7	33	320
5 or more	81	—	14	6	18	—	5	5	10	3	20	240
UNITS IN STRUCTURE												
1, detached or attached	2 073	15	113	233	374	533	355	188	106	16	140	275
2	4 177	30	380	953	1 040	885	521	233	100	—	35	233
3 and 4	2 104	73	259	885	610	194	52	—	—	—	31	190
5 to 9	1 586	205	112	465	656	115	27	6	—	—	—	201
10 to 49	2 167	126	69	476	919	380	177	16	—	4	221	221
50 or more	801	438	128	39	103	63	6	7	11	6	—	90
Mobile home or trailer, etc.	35	9	7	6	6	7	—	—	—	—	—	183
YEAR STRUCTURE BUILT												
1975 to March 1980	2 039	153	46	231	646	431	297	156	64	6	9	246
1970 to 1974	2 349	359	59	460	784	365	205	92	21	4	—	216
1960 to 1969	2 104	87	77	410	666	485	274	52	42	—	11	229
1950 to 1959	1 040	27	89	231	299	172	88	63	25	3	43	223
1940 to 1949	1 620	25	124	574	431	268	115	32	29	—	22	210
1939 or earlier	3 791	245	673	1 151	882	456	159	55	36	13	121	189
STORIES IN STRUCTURE												
1 to 3	12 303	500	932	3 006	3 679	2 172	1 132	450	206	16	210	220
4 or more	640	396	136	51	29	5	6	—	11	6	—	88
With elevator	564	375	129	18	19	—	6	—	11	6	—	86
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	2 245	164	304	595	678	303	136	25	40	—	...	204
15 to 19 percent	2 135	210	126	438	680	434	178	54	15	—	...	222
20 to 24 percent	1 885	198	171	397	434	367	237	37	44	—	...	218
25 to 29 percent	1 339	180	84	321	350	155	152	62	26	9	—	212
30 to 34 percent	1 986	40	87	229	319	134	83	73	14	7	—	217
35 to 49 percent	1 600	27	158	399	437	359	116	83	21	—	—	222
50 percent or more	2 335	40	131	628	748	386	223	116	57	6	—	223
Not computed	418	37	7	50	62	39	13	—	—	—	210	207
Median	25.0	21.4	22.9	26.1	25.4	24.5	25.4	33.2	26.8	31.4	—	...
SELECTED CHARACTERISTICS												
Heating equipment	12 943	896	1 068	3 057	3 708	2 177	1 138	450	217	22	210	217
Central heating system	11 771	864	876	2 693	3 399	2 043	1 072	415	213	22	174	219
Air conditioning	4 606	249	205	852	1 776	875	368	126	61	—	94	225
Central system	491	7	33	64	105	102	74	42	33	—	31	261

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Green Bay city

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Owner-occupied housing units	20 127	1 223	2 388	1 164	1 256	3 583	3 895	4 102	1 841	675	20 578	22 184	832
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	15 026	280	968	679	883	2 789	3 351	3 730	1 720	626	22 879	25 181	267	
15 to 24 years	456	6	—	11	32	167	149	87	4	—	20 448	20 848	6	
25 to 34 years	3 813	46	52	62	215	1 054	1 132	1 006	196	50	21 874	23 088	64	
35 to 44 years	2 661	48	37	72	129	392	688	794	333	168	24 770	27 855	72	
45 to 64 years	5 751	65	161	114	192	817	1 203	1 695	1 144	360	26 624	29 920	71	
65 years and over	2 345	115	718	420	315	359	179	148	43	48	12 021	14 769	54	
Male householder, no wife present	1 466	117	240	111	157	309	276	170	54	32	16 776	17 586	88	
15 to 24 years	124	—	11	9	22	36	27	12	7	—	18 621	19 395	5	
25 to 34 years	406	7	18	19	58	119	114	47	18	6	19 297	20 189	16	
35 to 44 years	193	—	19	10	—	67	54	34	9	—	20 040	20 806	—	
45 to 64 years	372	36	38	29	43	61	68	62	20	15	18 779	19 580	39	
65 years and over	371	74	154	44	34	26	13	15	—	11	8 136	10 460	28	
Female householder, no husband present	3 635	826	1 180	374	216	485	268	202	67	17	8 909	11 649	477	
15 to 24 years	61	14	20	8	—	19	—	—	—	—	9 417	9 293	14	
25 to 34 years	475	32	142	80	51	85	55	24	—	6	11 984	13 642	84	
35 to 44 years	344	19	72	44	44	85	34	25	21	—	14 602	15 910	49	
45 to 64 years	1 113	142	277	142	73	215	110	123	31	—	12 421	14 289	94	
65 years and over	1 642	619	669	100	48	81	69	30	15	11	6 059	8 478	236	
Median age	49.4	69.6	68.7	64.2	50.5	40.2	40.0	45.3	50.2	48.8	... ...	...	57.7	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	1 992	70	139	114	123	475	426	451	131	63	20 868	22 537	85	
1975 to 1978	5 079	147	340	196	359	1 121	1 189	1 174	402	151	21 558	23 029	190	
1970 to 1974	3 081	95	250	156	152	578	742	655	330	123	22 042	24 929	115	
1960 to 1969	4 489	255	396	219	246	680	909	1 040	580	164	22 641	24 058	138	
1959 or earlier	5 486	656	1 263	479	376	729	629	782	398	174	14 794	18 198	304	
<b>SELECTED CHARACTERISTICS</b>														
Complete plumbing for exclusive use	20 078	1 211	2 381	1 159	1 256	3 583	3 880	4 092	1 841	675	20 580	22 202	827	
1.01 or more persons per room	335	6	6	19	21	36	91	99	45	12	24 009	25 871	24	
Locking complete plumbing for exclusive use	49	12	7	5	—	—	15	10	—	—	20 139	14 849	5	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	20 122	1 223	2 383	1 164	1 256	3 583	3 895	4 102	1 841	675	20 581	22 187	832	
Central heating system	19 317	1 122	2 214	1 085	1 203	3 460	3 796	4 015	1 793	629	20 757	22 193	769	
Air conditioning	8 534	320	771	443	525	1 466	1 639	2 154	852	364	22 198	24 055	225	
Central system	2 008	44	145	67	92	294	363	484	318	201	24 986	29 663	42	
Vehicles available	19 025	803	1 964	1 056	1 239	3 513	3 857	4 077	1 841	675	21 218	23 020	675	
1	7 487	628	1 665	778	714	1 551	1 165	757	149	80	14 855	15 898	463	
2 or more	11 538	175	299	278	525	1 962	2 692	3 320	1 692	595	24 719	27 642	212	
House heating fuel	20 122	1 223	2 383	1 164	1 256	3 583	3 895	4 102	1 841	675	20 581	22 187	832	
Utility gas	17 766	1 031	2 099	1 044	1 117	3 129	3 443	3 631	1 655	617	20 664	22 376	711	
Bottled, tank, or LP gas	72	5	5	10	—	8	20	—	7	17	22 222	27 602	5	
Electricity	180	7	7	11	6	18	38	70	23	—	25 500	24 902	7	
Fuel oil, kerosene, etc.	1 964	172	260	99	119	401	353	380	148	32	19 171	19 983	101	
Other	140	8	12	—	14	27	41	21	8	9	20 900	22 791	8	
Median rooms	5.7	5.1	5.1	5.1	5.4	5.5	5.7	6.0	6.4	7.2	...	...	5.4	
Specified owner-occupied housing units	18 214	1 092	2 034	970	1 095	3 278	3 616	3 783	1 718	628	20 881	22 507	752	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>														
With a mortgage	10 574	235	502	335	624	2 285	2 526	2 569	1 113	385	22 587	24 654	297	
Less than \$200	454	32	104	24	30	83	61	95	11	14	17 143	21 014	17	
\$200 to \$249	943	11	110	36	58	251	219	178	64	16	20 095	21 244	7	
\$250 to \$299	1 925	51	92	90	164	417	488	434	184	5	21 522	22 290	54	
\$300 to \$349	1 815	33	67	71	124	509	464	358	150	39	21 023	22 841	53	
\$350 to \$399	1 458	57	33	37	115	347	326	359	160	24	22 147	23 318	75	
\$400 to \$449	2 017	12	34	33	79	427	610	575	174	73	23 425	25 319	29	
\$500 to \$599	899	19	28	18	23	154	202	250	152	53	25 014	28 049	30	
\$600 to \$749	679	5	15	6	19	90	128	205	137	74	26 898	33 004	10	
\$750 or more	384	15	19	20	12	7	28	115	81	87	32 200	36 612	22	
Median	\$355	\$336	\$270	\$312	\$324	\$338	\$355	\$381	\$396	\$541	...	...	\$362	
Not mortgaged	7 640	857	1 532	635	471	993	1 090	1 214	605	243	16 569	19 536	455	
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74	45	14	19	—	5	7	—	—	—	—	6 518	7 792	—	
\$75 to \$99	290	64	121	40	20	14	17	14	—	—	7 132	9 477	24	
\$100 to \$124	1 270	211	430	174	71	161	65	129	29	—	9 903	12 535	57	
\$125 to \$149	1 854	240	431	208	111	213	267	223	128	33	13 581	16 793	143	
\$150 to \$199	2 843	252	384	170	205	445	538	523	241	85	19 515	21 877	170	
\$200 to \$249	901	59	121	30	43	108	104	246	125	65	24 489	25 482	44	
\$250 or more	437	17	26	13	16	45	99	79	82	60	25 156	31 919	17	
Median	\$156	\$140	\$136	\$137	\$157	\$161	\$168	\$173	\$180	\$203	...	...	\$151	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
With a mortgage	10 574	235	502	335	624	2 285	2 526	2 569	1 113	385	22 587	24 654	297	
Less than 15 percent	2 797	—	18	12	7	133	522	1 083	724	298	31 024	35 149	—	
15 to 19 percent	2 351	—	24	—	35	520	745	748	220	59	24 010	25 714	9	
20 to 24 percent	2 188	—	15	37	177	702	690	438	111	18	21 178	22 273	—	
25 to 29 percent	1 225	—	26	57	132	435	362	163	40	10	19 651	20 7		

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

Green Bay city	Household income in 1979													Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)			
	Renter-occupied housing units	13 033	3 060	3 506	1 286	1 197	2 042	1 100	593	201	48	9 928	11 952	2 677	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>															
Married-couple families	3 408	233	663	312	410	933	467	298	80	12	15 408	15 918	314		
15 to 24 years	960	74	175	79	154	342	109	27	—	—	14 968	14 210	88		
25 to 34 years	1 138	86	128	107	137	346	215	95	24	—	16 239	16 422	129		
35 to 44 years	339	17	68	26	35	75	53	48	17	—	16 049	17 120	44		
45 to 64 years	477	35	55	39	37	103	50	124	34	—	18 750	19 746	43		
65 years and over	494	21	237	61	47	67	40	4	5	12	9 783	13 552	10		
Male householder, no wife present	3 177	630	665	374	322	556	367	166	72	25	11 962	13 310	563		
15 to 24 years	1 126	259	325	139	113	122	86	37	38	7	9 638	11 644	300		
25 to 34 years	1 083	110	152	140	161	284	151	66	12	7	14 666	14 971	135		
35 to 44 years	362	82	44	22	31	66	56	41	15	5	15 200	16 095	72		
45 to 64 years	363	67	56	55	11	65	74	22	7	6	13 295	15 237	37		
65 years and over	243	112	88	18	6	19	—	—	—	—	5 365	6 593	19		
Female householder, no husband present	6 448	2 197	2 178	600	465	553	266	129	49	11	7 181	9 187	1 800		
15 to 24 years	1 884	623	661	155	132	150	122	36	—	5	7 221	8 835	786		
25 to 34 years	1 536	318	578	180	175	167	56	49	13	—	8 984	10 121	407		
35 to 44 years	487	102	136	84	43	77	29	6	10	—	10 164	11 103	131		
45 to 64 years	846	255	272	81	65	92	32	24	19	6	8 116	12 457	188		
65 years and over	1 695	899	531	100	50	67	27	14	7	—	4 842	6 551	288		
Median age	30.3	37.4	31.0	29.2	28.1	28.6	29.4	34.1	37.5	42.5	... ...	... ...	26.9		
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>															
1979 to March 1980	6 485	1 608	1 809	670	635	837	545	259	92	30	9 489	11 614	1 774		
1975 to 1978	4 374	935	1 121	415	392	811	397	202	95	6	10 789	12 329	677		
1970 to 1974	1 281	376	345	108	112	200	74	54	12	—	8 830	10 667	156		
1960 to 1969	548	92	127	69	32	127	45	56	—	—	11 993	13 368	47		
1959 or earlier	345	49	104	24	26	67	39	22	2	12	12 031	16 047	23		
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>															
Complete plumbing for exclusive use	12 711	2 884	3 421	1 269	1 170	2 031	1 100	593	195	48	10 099	12 080	2 573		
0.50 or less	8 869	2 343	2 389	877	720	1 365	715	308	111	41	9 344	11 491	1 589		
0.51 to 1.00	3 610	477	956	361	426	652	375	277	79	7	12 565	13 672	833		
1.01 to 1.50	182	45	48	28	24	14	10	8	5	—	9 722	10 884	121		
1.51 or more	50	19	28	3	—	—	—	—	—	—	6 364	5 975	30		
Locking complete plumbing for exclusive use	322	176	85	17	27	11	—	—	—	6	—	4 690	6 894	104	
0.50 or less	167	110	33	11	7	—	—	—	—	6	—	4 172	6 721	65	
0.51 to 1.00	149	66	52	6	20	5	—	—	—	—	—	5 708	6 600	39	
1.01 to 1.50	6	—	—	—	—	6	—	—	—	—	—	18 750	19 020	—	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>SELECTED CHARACTERISTICS</b>															
Heating equipment	13 033	3 060	3 506	1 286	1 197	2 042	1 100	593	201	48	9 928	11 952	2 677		
Central heating system	11 858	2 705	3 118	1 166	1 126	1 892	1 047	558	198	48	10 227	12 192	2 327		
Air conditioning	4 646	944	1 197	465	416	740	458	278	117	31	10 978	13 411	671		
Central system	491	89	91	56	45	64	70	49	16	11	13 028	15 629	88		
Vehicles available	9 981	1 354	2 493	1 170	1 112	1 970	1 065	574	195	48	12 443	13 833	1 559		
1	6 853	1 223	2 138	892	766	1 159	428	165	48	34	10 184	11 728	1 241		
2 or more	3 128	131	355	278	346	811	637	409	147	14	17 706	18 446	318		
House heating fuel	13 033	3 060	3 506	1 286	1 197	2 042	1 100	593	201	48	9 928	11 952	2 677		
Utility gas	10 564	2 481	2 774	1 013	1 036	1 660	894	494	181	31	10 067	11 898	2 051		
Bottled, tank, or LP gas	138	39	60	7	4	28	—	—	—	—	7 419	8 668	33		
Electricity	1 337	296	408	189	73	169	125	46	14	17	9 507	13 180	310		
Fuel oil, kerosene, etc.	819	160	224	64	78	159	81	47	6	—	10 996	12 117	213		
Other	175	84	40	13	6	26	—	6	—	—	5 398	7 639	70		
Median rooms	4.0	3.3	3.8	3.9	4.2	4.3	4.3	4.7	4.4	4.1	... ...	... ...	3.8		
Specified renter-occupied housing units	12 943	3 043	3 490	1 281	1 181	2 024	1 100	575	201	48	9 910	11 936	2 651		
<b>CONTRACT RENT</b>															
Less than \$100	1 309	806	250	65	44	76	25	33	10	—	4 453	7 047	331		
\$100 to \$149	2 329	674	833	223	195	223	117	50	9	5	7 816	9 404	590		
\$150 to \$199	4 596	993	1 358	545	469	699	374	125	16	17	9 801	11 466	1 015		
\$200 to \$249	3 212	413	743	291	339	742	384	196	90	14	13 673	14 303	467		
\$250 to \$299	979	102	214	95	117	194	122	86	49	—	14 177	15 244	173		
\$300 to \$349	260	30	21	26	5	62	46	50	20	—	18 971	18 833	47		
\$350 to \$399	20	—	—	—	—	—	—	20	—	—	30 000	29 726	—		
\$400 to \$449	22	—	16	—	—	—	—	6	—	—	7 917	12 242	5		
\$500 or more	6	6	—	—	—	—	—	—	—	—	3 750	4 215	—		
No cash rent	210	19	55	36	12	28	32	9	7	12	12 153	19 106	23		
Median	\$179	\$152	\$174	\$178	\$188	\$200	\$202	\$216	\$237	\$196	... ...	... ...	\$168		
<b>GROSS RENT</b>															
Less than \$100	896	687	153	22	6	5	—	13	10	—	3 982	5 231	280		
\$100 to \$149	1 068	351	388	79	102	110	21	17	—	—	7 099	8 471	219		
\$150 to \$199	3 057	828	1 039	356	236	349	184	56	3	6	8 418	10 222	734		
\$200 to \$249	3 708	700	985	447	380	659	324	164	38	11	10 945	12 127	679		
\$250 to \$299	2 177	294	537	203	193	445	343	86	57	19	13 206	14 233	411		
\$300 to \$349	1 138	121	197	60	168	291	130	124	47	—	15 357	15 853	188		
\$350 to \$399	450	28	93	63	78	90	48	37	13	—	13 814	14 836	70		
\$400 to \$449	217	9	43	15	6	40	18	60	26	—	19 464	20 398	47		
\$500 or more	22	6	—	—	7	—	9	—	—	—	19 286	17 990	—		
No cash rent	210	19	55												

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

Green Bay city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	10 574	454	943	1 925	1 815	1 458	2 017	899	679	384	355
PERSONS IN UNIT											
1 person	735	92	67	187	102	98	101	44	44	—	311
2 persons	2 277	176	248	351	360	291	421	258	109	63	351
3 persons	2 274	87	177	385	387	347	502	168	131	90	365
4 persons	2 768	52	255	488	529	343	495	255	239	112	359
5 persons	1 613	22	115	325	311	240	320	109	86	85	357
6 persons	648	25	51	142	93	75	139	43	56	24	359
7 persons	196	—	18	47	19	51	20	17	14	10	364
8 or more persons	63	—	12	—	14	13	19	5	—	—	371
Median	3.50	2.27	3.38	3.58	3.61	3.48	3.47	3.38	3.73	3.85	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	8 688	300	785	1 522	1 454	1 184	1 785	785	548	325	362
15 to 24 years	367	5	14	30	61	59	122	64	12	—	411
25 to 34 years	3 406	45	158	477	664	531	849	344	234	104	384
35 to 44 years	2 136	25	205	431	318	247	379	172	215	144	368
45 to 64 years	2 592	151	388	546	375	340	423	205	87	77	328
65 years and over	187	74	20	38	36	7	12	—	—	—	249
Male householder, no wife present	701	7	53	144	112	114	127	49	64	31	365
15 to 24 years	87	—	8	7	22	14	16	8	5	7	373
25 to 34 years	312	—	21	61	48	45	69	14	41	13	379
35 to 44 years	136	7	3	20	25	30	21	20	6	4	372
45 to 64 years	152	—	13	56	11	25	21	7	12	7	332
65 years and over	14	—	8	6	—	—	—	—	—	—	244
Female householder, no husband present	1 185	147	105	259	249	160	105	65	67	28	316
15 to 24 years	41	—	—	8	19	8	6	—	—	—	333
25 to 34 years	401	26	32	116	94	48	32	13	26	14	314
35 to 44 years	259	12	6	47	73	51	21	34	15	—	344
45 to 64 years	392	71	44	79	57	53	39	15	20	14	302
65 years and over	92	38	23	9	6	—	7	3	6	—	217
Median age	37.5	53.7	46.0	39.3	35.0	35.7	34.0	35.3	36.0	37.7	—
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 627	16	39	67	191	177	477	259	238	163	461
1975 to 1978	3 954	79	184	523	664	749	966	379	270	140	385
1970 to 1974	2 163	39	233	536	529	225	322	116	119	44	326
1960 to 1969	2 149	169	331	663	345	258	206	114	32	31	293
1959 or earlier	681	151	156	136	86	49	46	31	20	6	262
ROOMS											
1 to 3 rooms	67	30	6	8	3	—	7	6	—	7	229
4 rooms	893	108	130	231	165	103	109	41	6	—	295
5 rooms	3 062	164	340	760	577	489	493	136	97	6	323
6 rooms	2 927	100	223	601	532	400	604	267	140	60	351
7 rooms	1 874	33	137	219	350	295	415	187	164	74	384
8 or more rooms	1 751	19	107	106	188	171	389	262	272	237	475
Median	5.9	5.0	5.5	5.5	5.8	5.8	6.2	6.5	7.1	7.9	—
YEAR STRUCTURE BUILT											
1975 to March 1980	1 482	12	12	24	61	198	366	287	321	201	524
1970 to 1974	1 215	15	18	145	236	177	371	127	81	45	404
1960 to 1969	2 274	21	113	471	387	364	491	218	150	59	370
1950 to 1959	2 220	137	289	562	391	280	372	108	48	33	316
1940 to 1949	1 252	76	209	269	249	182	206	36	7	18	314
1939 or earlier	2 131	193	302	454	491	257	211	123	72	28	312
VALUE											
Less than \$10,000	6	—	6	—	—	—	—	—	—	—	225
\$10,000 to \$19,999	208	68	67	44	21	8	—	—	—	—	227
\$20,000 to \$29,999	974	134	189	329	213	74	18	8	9	—	275
\$30,000 to \$39,999	2 312	134	366	606	470	324	320	57	6	29	305
\$40,000 to \$49,999	2 711	83	191	629	619	471	482	173	57	6	337
\$50,000 to \$59,999	1 974	13	96	212	329	353	594	242	121	14	398
\$60,000 to \$79,999	1 603	17	24	92	150	202	461	296	276	85	467
\$80,000 to \$99,999	441	5	—	13	13	21	99	86	130	74	581
\$100,000 to \$149,999	313	—	4	—	—	5	43	37	64	160	750+
\$150,000 or more	32	—	—	—	—	—	—	—	16	16	750
Median	\$46 700	\$31 400	\$35 600	\$39 700	\$43 300	\$47 000	\$53 100	\$58 000	\$70 200	\$96 300	—
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	2 797	293	535	865	452	284	213	81	58	16	283
15 to 19 percent	2 351	55	200	518	537	368	411	148	71	43	337
20 to 24 percent	2 188	27	76	276	474	369	597	205	123	41	383
25 to 29 percent	1 225	13	24	79	156	157	432	167	122	75	436
30 to 34 percent	762	20	32	63	66	142	181	92	120	46	426
35 percent or more	1 239	46	76	124	130	131	183	206	180	163	464
Not computed	12	—	—	—	7	—	—	5	5	—	393
Median	20.3	12.7	14.1	15.9	19.2	21.0	23.2	25.5	28.5	31.8	—
SELECTED CHARACTERISTICS											
Heating equipment	10 574	454	943	1 925	1 815	1 458	2 017	899	679	384	355
Steam or hot water system	1 498	40	85	134	228	150	334	245	162	120	428
Central warm-air furnace or electric heat pump	8 515	345	760	1 657	1 533	1 214	1 626	641	475	264	349
Other built-in electric units	60	—	—	6	—	7	25	7	15	—	456
Floor, wall, or pipeless furnace	97	26	16	33	12	5	82	32	6	22	260
Other means	404	43	82	95	42	82	32	6	5	—	291
Air conditioning	4 612	119	401	997	763	646	882	314	285	205	352
Central system	1 096	7	29	117	134	116	298	96	153	146	448
1 or more individual room units	3 516	112	372	880	629	530	584	218	132	59	331
House heating fuel	10 574	454	943	1 925	1 815	1 458	2 017	899	679	384	355
Utility gas	9 357	409	855	1 742	1 631	1 324	1 729	753	567	347	352
Bottled, tank, or LP gas	29	5	—	10	—	—	—	14	—	—	297
Electricity	124	—	—	6	6	13	43	14	42	—	467
Fuel oil, kerosene, etc.	976	34	81	137	170	113	232	118	54	37	379
Other	88	6	7	30	8	8	13	—	16	—	306

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

## Green Bay city

## Specified owner-occupied housing units -----

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	7 640	-	45	290	1 270	1 854	2 843	901	437	156
1 person	1 776	-	33	133	584	446	458	96	26	133
2 persons	3 387	-	12	145	568	886	1 253	367	156	153
3 persons	1 085	-	-	7	61	235	513	177	92	173
4 persons	752	-	-	5	27	178	342	125	75	174
5 persons	373	-	-	-	24	79	138	81	51	180
6 persons	150	-	-	-	-	24	95	25	6	177
7 persons	94	-	-	-	6	6	33	18	31	206
8 or more persons	23	-	-	-	-	-	11	12	-	202
Median	2.10	-	1.18	1.58	1.59	2.04	2.27	2.47	2.90	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	5 205	-	12	121	546	1 255	2 155	732	384	166
15 to 24 years	6	-	-	-	-	6	-	-	-	138
25 to 34 years	166	-	-	-	-	48	96	7	15	168
35 to 44 years	385	-	-	-	13	64	216	50	42	177
45 to 64 years	2 734	-	7	30	219	569	1 182	482	245	173
65 years and over	1 914	-	5	91	314	568	661	193	82	149
Male householder, no wife present	506	-	-	32	153	113	147	59	2	140
15 to 24 years	5	-	-	-	-	-	-	5	-	225
25 to 34 years	7	-	-	-	-	-	-	7	-	175
35 to 44 years	25	-	-	-	19	-	6	-	-	116
45 to 64 years	169	-	-	6	50	55	41	15	2	138
65 years and over	300	-	-	26	84	58	93	39	-	142
Female householder, no husband present	1 929	-	33	137	571	486	541	110	51	136
15 to 24 years	-	-	-	-	-	-	-	-	-	-
25 to 34 years	11	-	-	-	-	5	6	-	-	154
35 to 44 years	31	-	-	-	7	-	18	6	-	174
45 to 64 years	537	-	5	38	118	166	174	28	8	141
65 years and over	1 350	-	28	99	446	315	343	76	43	133
Median age	63.8	-	72.0	70.6	68.6	65.2	61.3	59.3	57.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	146	-	-	7	23	17	81	18	-	166
1975 to 1978	550	-	5	24	73	117	211	74	46	163
1970 to 1974	635	-	6	10	65	162	240	99	53	166
1960 to 1969	2 051	-	8	34	213	392	899	347	158	171
1959 or earlier	4 258	-	26	215	896	1 166	1 412	363	180	146
ROOMS										
1 to 3 rooms	81	-	-	4	26	29	17	5	-	134
4 rooms	1 259	-	33	100	439	341	260	69	17	129
5 rooms	2 711	-	12	90	392	835	1 076	229	77	151
6 rooms	2 052	-	-	73	251	408	905	272	143	166
7 rooms	927	-	-	7	115	175	375	180	75	172
8 or more rooms	610	-	-	16	47	66	210	146	125	192
Median	5.4	-	4.2	5.0	4.9	5.2	5.6	6.0	6.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980	156	-	-	-	13	17	56	47	23	193
1970 to 1974	247	-	5	5	-	15	123	63	36	190
1960 to 1969	1 184	-	-	-	80	153	576	253	122	181
1950 to 1959	2 345	-	8	18	256	621	999	299	144	163
1940 to 1949	1 230	-	14	81	236	369	400	81	49	144
1939 or earlier	2 478	-	18	186	685	679	689	158	63	138
VALUE										
Less than \$10,000	30	-	5	9	-	16	-	-	-	127
\$10,000 to \$19,999	472	-	8	76	152	124	88	7	17	125
\$20,000 to \$29,999	1 513	-	18	104	522	467	321	65	16	131
\$30,000 to \$39,999	1 933	-	14	70	387	617	691	99	55	145
\$40,000 to \$49,999	1 791	-	-	24	157	405	976	179	50	166
\$50,000 to \$59,999	1 015	-	-	-	40	195	498	205	77	177
\$60,000 to \$79,999	667	-	-	7	12	30	253	251	114	206
\$80,000 to \$99,999	146	-	-	-	-	-	11	83	52	237
\$100,000 to \$149,999	70	-	-	-	-	-	5	9	56	250+
\$150,000 or more	3	-	-	-	-	-	-	3	-	225
Median	\$39 300	-	\$21 300	\$25 400	\$29 200	\$34 800	\$43 300	\$54 200	\$60 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	2 917	-	12	88	379	736	1 232	340	130	160
10 to 14 percent	1 702	-	19	49	297	324	655	237	121	162
15 to 19 percent	963	-	-	68	163	244	309	85	94	151
20 to 24 percent	534	-	14	29	142	128	140	51	30	141
25 to 29 percent	414	-	-	13	105	121	114	50	11	143
30 to 34 percent	299	-	-	29	71	62	95	26	16	145
35 percent or more	750	-	-	7	113	223	271	112	24	156
Not computed	61	-	-	7	-	16	27	-	11	164
Median	12.6	-	12.8	15.3	14.3	12.8	11.3	12.3	13.4	...
SELECTED CHARACTERISTICS										
Heating equipment	7 640	-	45	290	1 270	1 854	2 843	901	437	156
Steam or hot water system	827	-	-	11	66	172	290	197	91	178
Central warm-air furnace or electric heat pump	6 430	-	45	229	1 120	1 533	2 460	697	346	156
Other built-in electric units	23	-	-	-	6	6	11	-	-	148
Floor, wall, or pipeless furnace	70	-	-	6	26	29	9	-	-	128
Other means	290	-	-	44	52	114	73	7	-	136
Air conditioning	3 054	-	12	76	382	668	1 226	491	199	166
Central system	693	-	5	-	18	83	310	156	121	189
1 or more individual room units	2 361	-	7	76	364	585	916	335	78	158
House heating fuel	7 640	-	45	290	1 270	1 854	2 843	901	437	156
Utility gas	6 730	-	38	277	1 188	1 688	2 432	752	355	154
Bottled, tank, or LP gas	23	-	-	-	6	-	8	-	9	184
Electricity	31	-	-	-	6	14	11	-	-	142
Fuel oil, kerosene, etc.	816	-	-	13	70	139	379	142	73	175
Other	40	-	7	-	-	13	13	7	-	150

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.)

Green Bay city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
		1 846	1 741	3 721	7 436	5 383		2 044	2 367	2 126	2 683	3 813
Occupied housing units	20 127						13 033					
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	15 026	1 580	1 423	3 131	5 558	3 334	3 408	603	450	592	799	964
15 to 24 years	456	71	45	43	215	82	960	199	93	138	268	262
25 to 34 years	3 813	807	575	577	1 138	716	1 138	228	177	183	275	275
35 to 44 years	2 661	400	328	680	677	576	339	34	25	53	102	125
45 to 64 years	5 751	256	389	1 539	2 407	1 160	477	78	64	88	95	152
65 years and over	2 345	46	86	292	1 121	800	494	64	91	130	59	150
Male householder, no wife present	1 466	120	89	145	535	577	3 177	492	571	401	685	1 028
15 to 24 years	124	—	18	15	48	43	1 126	186	201	177	322	240
25 to 34 years	406	42	43	36	140	145	1 083	177	171	111	269	355
35 to 44 years	193	28	20	25	55	65	362	84	90	30	24	134
45 to 64 years	372	50	4	44	141	133	363	45	71	51	37	159
65 years and over	371	—	4	25	151	191	243	—	38	32	33	140
Female householder, no husband present	3 635	146	229	445	1 343	1 472	6 448	949	1 346	1 133	1 199	1 821
15 to 24 years	61	—	9	—	35	17	1 884	244	349	353	450	488
25 to 34 years	475	39	76	55	174	131	1 536	260	283	180	359	454
35 to 44 years	344	17	40	107	108	72	487	108	77	102	104	96
45 to 64 years	1 113	62	85	166	436	364	846	119	119	173	131	304
65 years and over	1 642	28	19	117	590	888	1 695	218	518	325	155	479
Median age	49.4	34.7	37.1	48.0	54.0	56.5	30.3	29.2	33.0	32.9	27.6	32.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 992	580	148	297	578	389	6 485	1 360	1 037	862	1 522	1 704
1975 to 1978	5 079	1 266	562	756	1 469	1 026	4 374	684	934	809	792	1 155
1970 to 1974	3 081	—	1 031	650	836	564	1 281	—	396	297	173	415
1960 to 1969	4 489	—	—	2 018	1 489	982	548	—	—	158	99	291
1959 or earlier	5 486	—	—	—	3 064	2 422	345	—	—	—	97	248
ROOMS												
1 room	—	—	—	—	—	—	293	17	55	49	41	131
2 rooms	50	10	5	—	13	22	1 025	228	406	155	83	153
3 rooms	193	7	22	20	70	74	3 356	590	825	528	526	887
4 rooms	2 659	121	179	220	1 424	715	4 076	697	645	794	840	1 100
5 rooms	6 342	430	534	1 308	2 737	1 333	2 732	347	351	458	714	862
6 rooms	5 414	498	491	1 039	1 966	1 420	1 050	124	53	103	297	473
7 or more rooms	5 469	780	510	1 134	1 226	1 819	501	41	32	39	182	207
Median	5.7	6.2	5.8	5.8	5.3	5.9	4.0	3.8	3.4	3.9	4.3	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	20 078	1 834	1 741	3 714	7 423	5 366	12 711	2 018	2 345	2 092	2 626	3 630
0.50 or less	12 137	1 048	764	1 967	4 577	3 781	8 869	1 382	1 718	1 403	1 711	2 655
0.51 to 1.00	7 606	766	963	1 664	2 689	1 524	3 610	611	584	638	855	922
1.01 to 1.50	321	20	14	81	151	55	182	25	20	45	47	45
1.51 or more	14	—	—	2	6	6	50	—	23	6	13	8
Lacking complete plumbing for exclusive use	49	12	—	7	13	17	322	26	22	34	57	183
0.50 or less	29	—	—	7	7	15	167	18	22	17	34	76
0.51 to 1.00	20	12	—	—	6	2	149	8	—	17	23	101
1.01 to 1.50	—	—	—	—	—	—	6	—	—	—	—	6
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	3 062	116	160	319	1 185	1 282	5 964	950	1 333	904	944	1 833
2 persons	6 315	446	365	961	2 686	1 857	3 866	615	641	666	871	1 073
3 persons	3 674	406	348	838	1 297	785	1 641	301	213	290	372	465
4 persons	3 726	531	531	747	1 253	664	964	103	134	185	290	252
5 persons	2 126	269	233	567	627	430	392	50	40	69	119	114
6 or more persons	1 224	78	104	289	388	365	206	25	6	12	87	76
Median	2.69	3.39	3.49	3.19	2.44	2.26	1.64	1.62	1.39	1.74	1.96	1.57
Total persons	60 285	6 231	5 971	12 377	21 010	14 696	26 001	3 896	3 909	4 371	6 302	7 523
UNITS IN STRUCTURE												
1, detached or attached	18 785	1 680	1 516	3 527	7 264	4 798	2 163	195	149	334	816	669
2	925	68	93	90	158	516	4 177	473	340	571	1 149	1 644
3 and 4	83	19	9	—	5	50	2 104	210	200	298	506	890
5 to 9	29	12	3	6	—	8	1 586	352	626	253	94	261
10 to 49	72	21	34	—	9	8	2 167	611	795	484	100	177
50 or more	3	—	—	—	—	3	801	196	242	173	18	172
Mobile home or trailer, etc.	230	46	86	98	—	—	35	7	15	13	—	—
SELECTED CHARACTERISTICS												
Heating equipment	20 122	1 846	1 741	3 721	7 431	5 383	13 033	2 044	2 367	2 126	2 683	3 813
Steam or hot water system	2 618	334	255	954	406	669	4 320	593	1 323	934	418	1 052
Central warm-air furnace or electric heat pump	16 371	1 371	1 448	2 655	6 669	4 228	6 432	894	854	985	1 644	2 055
Other built-in electric units	101	84	5	—	—	12	824	490	157	59	72	46
Floor, wall, or pipeless furnace	227	5	7	28	96	91	282	24	13	25	109	111
Other means	805	52	26	84	260	383	1 175	43	20	123	440	549
Air conditioning	8 534	704	841	1 852	3 303	1 834	4 646	1 164	1 410	948	497	627
Central system	2 008	396	296	541	606	169	491	152	123	110	55	51
1 or more individual room units	6 526	308	545	1 311	2 697	1 665	4 155	1 012	1 287	838	442	576
House heating fuel	20 122	1 846	1 741	3 721	7 431	5 383	13 033	2 044	2 367	2 126	2 683	3 813
Utility gas	17 766	1 296	1 713	3 579	6 388	4 790	10 564	1 167	1 996	1 868	2 312	3 221
Bottled, tank, or LP gas	72	5	7	24	26	10	138	9	6	38	44	41
Electricity	180	131	10	6	15	18	1 337	696	288	151	119	83
Fuel oil, kerosene, etc.	1 964	392	5	89	966	512	819	172	30	58	193	366
Other	140	22	6	23	36	53	175	—	47	11	15	102
Income in 1979 below poverty level	832	57	50	89	309	327	2 677	294	477	408	673	825
Percent below poverty level	4.1	3.1	2.9	2.4	4.2	6.1	20.5	14.4	20.2	19.2	25.1	21.6
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 223	44	48	102	504	525	3 060	381	683	432	579	985
\$5,000 to \$9,999	2 388	66	110	256	886	1 070	3 506	447	669	476	765	1 149
\$10,000 to \$12,499	1 164	50	52	168	530	364	1 286	231	196	235	211	413
\$12,500 to \$14,999	1 256	63	100	179	501	413	1 197	141	190	205	303	358

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

## Green Bay city

	Owner-occupied housing units				Renter-occupied housing units								Mobile home or trailer, etc.
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units		
Occupied housing units	20 127	18 785	1 112	230	13 033	2 163	4 177	2 104	1 586	2 167	801	35	
Condominium housing units	80	17	63	—	38	—	—	—	6	13	19	—	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	15 026	14 322	580	124	3 408	925	1 495	357	216	278	137	—	
15 to 24 years	456	399	19	38	960	231	399	181	62	74	13	—	
25 to 34 years	3 813	3 646	147	20	1 138	293	611	65	95	74	—	—	
35 to 44 years	2 661	2 578	62	21	339	125	159	22	19	14	—	—	
45 to 64 years	5 751	5 522	204	25	477	168	208	30	7	33	31	—	
65 years and over	2 345	2 177	148	20	494	108	118	59	33	83	93	—	
Male householder, no wife present	1 466	1 255	167	44	3 177	445	955	577	375	668	129	28	
15 to 24 years	124	96	13	15	1 126	166	393	246	90	207	6	18	
25 to 34 years	406	340	61	5	1 083	165	378	186	153	177	20	4	
35 to 44 years	193	165	14	14	362	41	67	39	64	125	26	—	
45 to 64 years	372	325	37	10	363	30	81	53	40	120	33	6	
65 years and over	371	329	42	—	243	43	36	53	28	39	44	—	
Female householder, no husband present	3 635	3 208	365	62	6 448	793	1 727	1 170	995	1 221	535	7	
15 to 24 years	61	41	16	4	1 884	171	550	417	301	428	17	—	
25 to 34 years	475	423	47	5	1 536	242	563	314	212	205	—	—	
35 to 44 years	344	296	42	6	487	113	136	67	57	101	13	—	
45 to 64 years	1 113	990	86	37	846	129	235	154	132	142	54	—	
65 years and over	1 642	1 458	174	10	1 695	138	243	218	293	345	451	7	
Median age	49.4	49.3	55.6	39.7	30.3	32.0	28.5	27.6	30.0	32.8	72.6	24.9	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 992	1 844	113	35	6 485	994	2 115	1 096	810	1 188	269	13	
1975 to 1978	5 079	4 642	330	107	4 374	656	1 441	706	571	713	270	17	
1970 to 1974	3 081	2 852	162	67	1 281	210	376	146	175	172	197	5	
1960 to 1969	4 489	4 291	177	21	548	169	166	76	8	71	58	—	
1959 or earlier	5 486	5 156	330	—	345	134	79	80	22	23	7	—	
<b>ROOMS</b>													
1 room	—	—	—	—	293	5	11	30	24	137	86	—	
2 rooms	50	28	22	—	1 025	23	67	162	218	361	189	5	
3 rooms	193	120	55	18	3 356	111	426	883	661	852	423	—	
4 rooms	2 659	2 203	323	133	4 076	579	1 659	665	492	582	73	26	
5 rooms	6 342	5 950	325	67	2 732	714	1 335	294	168	187	30	4	
6 rooms	5 414	5 133	269	12	1 050	407	532	58	11	42	—	—	
7 or more rooms	5 469	5 351	118	—	501	324	147	12	12	6	—	—	
Median	5.7	5.7	5.0	4.2	4.0	5.0	4.5	3.5	3.3	3.2	2.8	4.0	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	20 078	18 746	1 102	230	12 711	2 147	4 118	2 064	1 508	2 095	744	35	
0.50 or less	12 137	11 174	824	139	8 869	1 252	2 713	1 498	1 187	1 563	621	35	
0.51 to 1.00	7 606	7 246	269	91	3 610	841	1 333	541	311	461	123	—	
1.01 to 1.50	321	314	7	—	182	48	56	14	10	54	—	—	
1.51 or more	14	12	2	—	50	6	16	11	—	17	—	—	
Lacking complete plumbing for exclusive use	49	39	10	—	322	16	59	40	78	72	57	—	
0.50 or less	29	26	3	—	167	11	31	40	40	36	9	—	
0.51 to 1.00	20	13	7	—	149	5	22	—	38	36	48	—	
1.01 to 1.50	—	—	—	—	6	—	6	—	—	—	—	—	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	
<b>BEDROOMS</b>													
None	—	—	—	—	367	5	21	51	35	169	86	—	
1	474	327	147	—	4 868	198	788	1 142	930	1 197	608	5	
2	5 028	4 268	577	183	5 842	1 111	2 535	779	563	724	107	23	
3	10 467	10 125	295	47	1 684	634	795	120	51	77	—	7	
4	3 613	3 541	72	—	191	153	38	—	—	—	—	—	
5 or more	545	524	21	—	81	62	—	12	7	—	—	—	
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	1 223	1 120	89	14	3 060	264	697	665	442	548	432	12	
\$5,000 to \$9,999	2 388	2 097	239	52	3 506	504	1 053	594	478	640	237	—	
\$10,000 to \$12,499	1 164	1 018	118	28	1 286	204	409	241	181	213	31	7	
\$12,500 to \$14,999	1 256	1 148	82	26	1 197	202	510	181	162	103	39	—	
\$15,000 to \$19,999	3 583	3 366	177	40	2 042	451	812	269	175	321	14	—	
\$20,000 to \$24,999	3 895	3 724	142	29	1 100	311	364	99	77	215	28	6	
\$25,000 to \$34,999	4 102	3 896	184	22	593	171	233	31	54	91	7	6	
\$35,000 to \$49,999	1 841	1 772	55	14	201	44	94	11	17	18	13	4	
\$50,000 or more	675	644	26	5	48	12	5	13	—	18	—	—	
Median	\$20 578	\$20 869	\$15 761	\$14 519	\$9 928	\$13 855	\$12 069	\$8 281	\$8 735	\$9 173	\$4 787	\$11 964	
Mean	\$22 184	\$22 485	\$18 135	\$17 137	\$11 952	\$14 838	\$12 993	\$10 494	\$10 240	\$11 497	\$7 010	\$15 913	
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	20 122	18 785	1 107	230	13 033	2 163	4 177	2 104	1 586	2 167	801	35	
Steam or hot water system	2 618	2 398	220	—	4 320	195	520	675	922	1 390	607	11	
Central warm-air furnace or electric heat pump	16 371	15 394	784	193	6 432	1 617	2 846	875	471	457	142	24	
Other built-in electric units	101	83	18	—	824	53	117	173	153	281	47	—	
Floor, wall, or pipeless furnace	227	188	17	22	282	72	117	62	13	13	5	—	
Other means	805	722	68	15	1 175	226	577	319	27	26	—	—	
Air conditioning	8 534	7 928	502	104	4 646	507	826	464	929	1 525	382	13	
Central system	2 008	1 873	106	29	491	99	119	38	46	161	15	13	
Vehicles available	19 025	17 802	1 003	220	9 981	1 878	3 506	1 481	1 101	1 680	305	30	
1	7 487	6 776	569	142	6 853	1 070	2 127	1 141	840	1 370	281	24	
2 or more	11 538	11 026	434	78	3 128	808	1 379	340	261	310	24	6	
House heating fuel	20 122	18 785	1 107	230	13 033	2 163	4 177	2 104	1 586	2 167	801	35	
Utility gas	17 766	16 574	986	206	10 564	1 780	3 610	1 658	1 217	1 607	657	35	
Bottled, tank, or LP gas	72	62	—	10	138	7	45	49	28	9	—	—	
Electricity	180	155	25	—	1 337	137	199	247	238	423	93	—	
Fuel oil, kerosene, etc.	1 964	1 861	89	14	819	229	301	117	90	82	—	—	
Other	140	133	7	—	175	10	22	33	13	46	51	—	
Water heating fuel	20 103	18 76											

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Green Bay city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>20 127</b>	<b>3 062</b>	<b>6 315</b>	<b>3 674</b>	<b>3 726</b>	<b>2 126</b>	<b>826</b>	<b>305</b>	<b>93</b>	<b>2.69</b>	<b>60 285</b>
Nonrelatives present	609	—	263	167	60	73	12	23	11	2.75	1 969
<b>ROOMS</b>											
1 to 3 rooms	243	100	114	21	—	8	—	—	—	1.69	500
4 rooms	2 659	1 002	1 125	349	161	22	—	—	—	1.79	5 296
5 rooms	6 342	947	2 402	1 218	1 057	534	133	45	6	2.43	17 496
6 rooms	5 414	610	1 633	1 007	1 176	651	250	64	23	2.96	16 897
7 rooms	2 952	255	610	625	684	431	234	92	21	3.48	10 273
8 or more rooms	2 517	148	431	454	648	480	209	104	43	3.85	9 823
Median	5.7	5.0	5.3	5.7	6.0	6.3	6.6	7.0	7.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>20 078</b>	<b>3 043</b>	<b>6 312</b>	<b>3 655</b>	<b>3 718</b>	<b>2 126</b>	<b>826</b>	<b>305</b>	<b>93</b>	<b>2.69</b>	<b>60 157</b>
1.00 or less	19 743	3 043	6 312	3 649	3 718	2 096	693	196	36	2.64	57 815
1.01 to 1.50	321	—	—	6	—	22	133	109	51	6.50	2 247
1.51 or more	14	—	—	—	—	8	—	—	6	5.38	95
<b>Lacking complete plumbing for exclusive use</b>	<b>49</b>	<b>19</b>	<b>3</b>	<b>19</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2.63</b>	<b>128</b>
1.00 or less	49	19	3	19	8	—	—	—	—	2.63	128
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	18 785	2 606	5 855	3 462	3 589	2 053	826	301	93	2.77	56 024
2 or more	1 112	382	391	154	113	68	—	4	—	1.95	3 638
Mobile home or trailer, etc.	230	74	69	58	24	5	—	—	—	2.09	623
<b>VALUE</b>											
<b>Specified owner-occupied housing units</b>	<b>18 214</b>	<b>2 511</b>	<b>5 664</b>	<b>3 359</b>	<b>3 520</b>	<b>1 986</b>	<b>798</b>	<b>290</b>	<b>86</b>	<b>2.78</b>	<b>53 378</b>
Less than \$10,000	36	5	16	—	15	—	—	—	—	2.31	94
\$10,000 to \$19,999	680	194	277	87	63	40	14	—	5	2.03	1 550
\$20,000 to \$29,999	2 487	716	898	376	272	126	62	32	5	2.09	5 736
\$30,000 to \$39,999	4 245	776	1 430	730	655	391	163	66	34	2.44	11 677
\$40,000 to \$49,999	4 502	431	1 419	834	922	605	213	53	25	2.98	13 866
\$50,000 to \$59,999	2 989	201	839	691	696	350	161	44	7	3.16	9 295
\$60,000 to \$79,999	2 270	126	622	393	631	308	119	61	10	3.48	7 376
\$80,000 to \$99,999	587	36	108	155	135	97	44	12	—	3.46	1 991
\$100,000 to \$149,999	383	26	50	90	122	56	17	22	—	3.71	1 624
\$150,000 or more	35	—	5	3	9	13	5	—	—	4.54	169
Median	\$43 600	\$34 400	\$41 500	\$45 800	\$48 000	\$47 100	\$48 000	\$49 300	\$39 700	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	20 127	3 062	6 315	3 674	3 726	2 126	826	305	93	2.69	60 285
Median income	\$20 578	\$7 368	\$18 512	\$23 045	\$23 248	\$24 334	\$26 184	\$27 007	\$30 227	...	...
Median selected monthly owner costs as percentage of household income	17.5	27.9	15.8	16.1	17.8	16.9	14.5	15.0	13.9	...	...
With a mortgage	20.3	30.4	20.1	20.5	19.2	16.7	18.0	16.9	10—	...	...
Not mortgaged	12.6	26.9	13.0	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	832	337	168	129	96	63	21	12	6	1.97	...
Median income	\$3 200	\$2 862	\$2 877	\$2500—	\$5 466	\$4 181	\$6 250	\$16 250	\$11 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	30.0	45.0	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	—	45.0	...	...
Not mortgaged	50+	50+	48.0	50+	—	—	—	30.0	—	...	...
<b>Renter-occupied housing units</b>	<b>13 033</b>	<b>5 964</b>	<b>3 866</b>	<b>1 641</b>	<b>964</b>	<b>392</b>	<b>85</b>	<b>76</b>	<b>45</b>	<b>1.64</b>	<b>26 001</b>
Nonrelatives present	1 856	—	1 278	326	158	50	19	25	—	2.23	4 572
<b>ROOMS</b>											
1 room	293	265	28	—	—	—	—	—	—	1.05	324
2 rooms	1 025	866	142	14	3	—	—	—	—	1.09	1 188
3 rooms	3 356	2 511	703	79	63	—	—	—	—	1.17	4 266
4 rooms	4 076	1 528	1 634	669	214	17	—	14	—	1.81	7 913
5 rooms	2 732	597	966	555	337	196	43	33	5	2.30	7 301
6 rooms	1 050	150	279	272	253	72	11	8	5	2.85	3 117
7 or more rooms	501	47	114	52	94	107	31	21	35	3.90	1 892
Median	4.0	3.2	4.1	4.6	5.1	5.4	5.5	5.2	8.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>12 711</b>	<b>5 728</b>	<b>3 839</b>	<b>1 593</b>	<b>959</b>	<b>392</b>	<b>79</b>	<b>76</b>	<b>45</b>	<b>1.66</b>	<b>25 515</b>
1.00 or less	12 479	5 728	3 811	1 579	893	375	42	21	30	1.63	24 301
1.01 to 1.50	182	—	—	14	63	17	37	41	10	5.32	1 009
1.51 or more	50	—	28	—	3	—	—	14	5	2.39	205
<b>Lacking complete plumbing for exclusive use</b>	<b>322</b>	<b>236</b>	<b>27</b>	<b>48</b>	<b>5</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>1.18</b>	<b>486</b>
1.00 or less	316	236	27	48	5	—	—	—	—	1.17	466
1.01 to 1.50	6	—	—	—	—	—	6	—	—	6.00	20
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	2 163	455	683	408	328	177	48	41	23	2.42	6 150
2	4 177	1 296	1 481	719	421	188	32	35	5	2.04	9 650
3 and 4	2 104	1 134	658	219	59	22	—	—	12	1.43	3 565
5 to 9	1 586	1 017	354	132	68	5	5	—	5	1.28	2 445
10 to 49	2 167	1 374	549	156	88	—	—	—	—	1.29	3 242
50 or more	801	659	135	7	—	—	—	—	—	1.11	910
Mobile home or trailer, etc.	35	29	6	—	—	—	—	—	—	1.10	39
<b>GROSS RENT</b>											
<b>Specified renter-occupied housing units</b>	<b>12 943</b>	<b>5 952</b>	<b>3 851</b>	<b>1 614</b>	<b>944</b>	<b>383</b>	<b>85</b>	<b>69</b>	<b>45</b>	<b>1.63</b>	<b>25 692</b>
Less than \$100	896	802	40	19	35	—	—	—	—	1.06	979
\$100 to \$149	1 068	778	252	13	25	—	—	—	—	1.19	1 441
\$150 to \$199	3 057	1 901	810	198	101	34	5	8	—	1.30	4 750
\$200 to \$249	3 708	1 666	1 260	468	187	95	19	—	13	1.65	6 975
\$250 to \$299	2 177	518	896	481	203	60	7	7	5	2.14	5 065
\$300 to \$349	1 138	160	356	290	223	69	6	29	5	2.68	3 349
\$350 to \$399	450	34	101	91	107	80	27	10	—	3.49	1 682
\$400 to \$499	217	11	42	44	38	45	14	8	15	3.80	899
\$500 or more	22	6	6	—	3	—	7	—	—	2.33	82
No cash rent	210	76	88	10	22	—	—	7	7	1.93	470
Median	\$217	\$188	\$230	\$261	\$275	\$302	\$360	\$328	\$310	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	13 033	5 964	3 866	1 641	964	392	85	76	45	1.64	26 001
Median income	\$9 928	\$7 248	\$13 118	\$12 440	\$13 131	\$14 213	\$18 798	\$11 667	\$7 250	...	...
Median gross rent as percentage of household income	25.0	27.0	22.0	25.3	25.3	26.3	19.9	48.2	35.0	...	...
Income in 1979 below poverty level	2 677	1 140	699	385	262	95	15	53	28	1.78	...
Median income	\$3 537	\$2 675	\$4 058	\$4 437	\$5 671	\$6 211	\$8 542	\$6 719	\$2500—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	38.5	50+	50.0	...	...

Table B—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Green Bay city	Married-couple families						Male householder, no wife present						Female householder, no husband present						Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years		
Total	20 127	456	3 813	2 661	5 751	2 345	124	406	193	372	371	61	475	344	1 113	1 642	49.4		
Owner-occupied housing units																			
PERSONS IN UNIT																			
1 person	3 062	292	789	168	2 029	207	40	64	263	99	192	292	34	136	63	570	1 373	66.5	
2 persons	6 315	159	854	281	1 617	223	20	35	39	54	51	63	63	102	128	308	241	59.9	
3 persons	3 674	45	1 371	910	1 040	78	—	17	18	27	14	128	13	125	75	131	24	48.0	
4 persons	3 726	—	654	754	602	5	—	6	—	13	—	73	—	11	61	80	63	4	
5 persons	2 126	—	145	548	463	12	—	—	—	—	—	11	—	25	14	20	11	40.1	
6 or more persons	1 224	—	3 69	447	3 02	2 08	1 84	1 27	1 47	1 47	1 40	1 40	1 47	1 40	1 48	1 48	1 10	17	43.3
Median	60 285	1 158	13 666	12 313	19 100	5 212	233	652	361	704	486	103	1 167	1 148	2 004	1 978	1 10	... ...	...
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use	20 078	456	3 813	2 654	5 741	2 338	124	406	193	366	359	61	475	344	1 106	1 642	49.4		
1.01 or more persons per room	335	—	—	120	145	7	10	7	—	—	—	—	—	—	6	—	—	43.8	
Locking complete plumbing for exclusive use	49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	56.9	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified owner-occupied housing units	18 214	373	3 572	2 521	5 326	2 101	92	319	161	321	314	41	412	290	929	1 442	49.2		
With a mortgage	10 574	367	3 406	2 136	5 592	1 87	87	312	136	152	14	41	401	259	392	92	37.5		
Less than 15 percent	2 797	26	441	685	1 307	52	7	45	34	42	—	55	27	60	16	45.8			
15 to 19 percent	2 351	66	834	611	606	31	6	50	15	29	—	19	—	84	—	—	37.7		
20 to 24 percent	2 188	125	1 019	376	299	32	39	78	25	34	8	—	51	54	48	—	33.3		
25 to 29 percent	1 225	68	556	192	170	7	20	36	19	7	—	19	35	62	28	6	33.1		
30 to 34 percent	1 762	52	270	84	93	29	—	61	25	12	8	8	56	20	39	13	32.7		
35 percent or more	1 239	30	286	188	117	36	15	42	18	28	6	14	178	96	128	57	36.8		
Not computed	—	12	—	—	—	—	—	—	—	—	—	—	33.7	—	5	—	34.3		
Median	20.3	23.7	22.1	18.1	14.9	—	—	23.9	23.8	20.7	—	30.9	33.3	28.9	25.3	40.8	—	—	
Not mortgaged	7 640	6	166	89	239	1 805	1 914	5	25	25	7	300	—	11	31	1 350	64.8		
Less than 10 percent	2 917	6	77	114	114	391	—	7	88	46	—	—	13	138	95	156	62.6		
10 to 14 percent	1 702	—	—	17	17	590	509	5	18	20	20	—	6	149	152	200	68.0		
15 to 19 percent	963	—	—	—	—	432	432	—	—	—	21	41	—	—	—	—	131	69.7	
20 to 24 percent	534	—	—	—	—	69	234	—	—	19	25	—	—	—	—	27	195	71.9	
25 to 29 percent	414	—	—	—	—	6	145	—	—	7	34	—	—	—	—	7	20	74.2	
30 to 34 percent	299	—	—	—	—	14	65	—	—	7	28	—	—	—	—	5	74	39.9	
35 percent or more	750	—	—	—	—	15	50	129	—	7	7	—	—	—	—	13	13	72.3	
Not computed	61	—	—	—	—	19	9	—	—	7	64	—	—	—	—	13	61.1		
Median	12.6	10—	10—	10—	10—	15.6	12.5	50+	11.5	10—	7	10—	20.2	—	22.5	12.1	14.2	27.3	
Renter-occupied housing units	13 033	960	1 138	339	477	494	1 126	1 083	362	363	243	1 884	1 536	487	846	1 695	30.3		
PERSONS IN UNIT																			
1 person	5 964	—	—	—	—	—	—	545	758	296	222	828	623	186	627	1 564	39.1		
2 persons	3 866	463	332	57	246	423	444	45	92	36	27	733	462	86	123	118	26.9		
3 persons	1 641	320	308	82	64	45	15	17	7	9	21	237	272	98	46	13	27.1		
4 persons	964	139	331	81	89	15	47	4	—	—	—	86	122	60	15	15	30.3		
5 persons	392	24	119	82	87	4	15	—	—	—	—	—	53	25	23	—	34.2		
6 or more persons	206	14	48	37	31	7	13	8	—	—	—	—	—	32	12	—	37.0		
Median	1 64	2 668	3 944	1 499	1 453	2 47	2 08	1 54	1 21	1 11	440	277	3 322	3 126	1 283	1 214	1 780	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use	12 711	949	1 133	328	477	488	1 095	1 054	330	343	205	1 826	1 508	481	836	1 659	30.2		
1.01 or more persons per room	232	22	32	24	11	—	6	—	31	29	38	47	10	19	17	—	27.6		
Locking complete plumbing for exclusive use	322	11	5	6	—	—	—	—	—	—	58	28	6	—	—	36	34.8		
1.01 or more persons per room	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.5			
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified renter-occupied housing units	12 943	960	1 104	339	467	494	1 126	1 083	362	356	243	1 874	1 528	480	841	1 681	30.3		
Less than 15 percent	2 245	172	281	93	57	150	113	137	122	165	19	137	49	129	97	30.9			
15 to 19 percent	2 135	287	207	56	44	103	134	137	84	24	31	191	225	74	110	212	29.1		
20 to 24 percent	1 885	183	220	44	49	77	142	149	155	54	40	246	296	49	99	204	29.7		
25 to 29 percent	1 339	100	142	36	27	55	107	87	—	34	34	159	119	47	121	271	32.9		
30 to 34 percent	986	50	66	37	27	69	105	52	18	22	49	158	110	19	34	170	32.3		
35 to 49 percent	1 600	49	58	26	45	71	193	52	11	27	297	198	94	145	170	32.6			
50 percent or more	2 335	94	101	33	29	21	208	87	78	43	25	582	416	134	168	316	28.9		
Not computed	418	25	29	14	27	41	26	12	12	3	18	40	27	14	35	51.3			
Median	25.0	20.2	21.1	21.5	18.1	24.3	18.2	18.2	18.2	17.4	28.3	33.8	28.9	33.7	30.3	30.3			

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Green Bay city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	3 062	886	40	263	99	192	292	2 176	34	136	63	570	1 373
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 043	874	40	263	99	192	280	2 169	34	136	63	563	1 373
Lacking complete plumbing for exclusive use	19	12	—	—	—	—	12	7	—	—	—	7	—
UNITS IN STRUCTURE													
1, detached or attached	2 606	733	25	206	75	173	254	1 873	21	104	45	484	1 219
2 or more	382	125	6	52	10	19	38	257	9	27	18	59	144
Mobile home or trailer, etc.	74	28	9	5	14	—	—	46	4	5	—	27	10
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	831	103	—	—	29	74	728	—	—	7	102	619	
\$5,000 to \$9,999	1 060	202	4	14	12	33	139	858	13	31	18	229	567
\$10,000 to \$12,499	281	68	9	8	5	20	26	213	8	53	4	66	82
\$12,500 to \$14,999	214	120	6	58	—	36	20	94	—	18	—	53	23
\$15,000 to \$19,999	403	215	21	109	37	33	15	188	13	34	15	94	32
\$20,000 to \$24,999	168	111	—	59	30	15	7	57	—	—	12	13	—
\$25,000 to \$34,999	62	49	—	15	15	19	—	13	—	—	—	13	—
\$35,000 to \$49,999	14	—	—	—	—	—	—	14	—	—	7	—	7
\$50,000 or more	29	18	—	—	7	11	11	—	—	—	—	—	11
Median	\$7 368	\$13 958	\$15 357	\$17 341	\$17 390	\$13 472	\$7 195	\$6 440	\$11 250	\$11 745	\$15 781	\$8 467	\$5 373
Mean	\$10 103	\$14 178	\$14 592	\$17 292	\$18 566	\$15 273	\$9 109	\$8 443	\$12 316	\$12 207	\$15 820	\$10 026	\$6 979
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	2 511	701	21	189	75	173	243	1 810	21	97	45	444	1 203
With a mortgage	735	364	21	189	75	73	6	371	21	97	38	145	70
Less than \$200	92	7	—	—	7	—	—	85	—	6	7	50	22
\$200 to \$249	67	9	—	6	3	—	—	58	—	13	—	22	23
\$250 to \$299	187	100	—	54	20	26	—	87	8	34	8	28	9
\$300 to \$349	102	51	7	15	12	11	6	51	7	20	7	11	6
\$350 to \$399	98	70	14	40	6	10	—	28	—	4	5	19	—
\$400 to \$449	101	59	—	32	13	14	—	42	6	14	—	15	7
\$500 to \$599	44	28	—	7	14	7	—	16	—	6	7	—	3
\$600 to \$749	44	40	—	35	—	5	—	4	—	—	4	—	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$311	\$361	\$363	\$374	\$331	\$348	\$325	\$274	\$318	\$293	\$329	\$251	\$228
Not mortgaged	1 776	337	—	—	—	100	237	1 439	—	—	7	299	1 133
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	33	—	—	—	—	—	—	33	—	—	5	28	
\$75 to \$99	133	32	—	—	6	26	—	101	—	—	—	20	81
\$100 to \$124	584	103	—	—	43	60	481	—	—	7	85	389	
\$125 to \$149	446	62	—	—	18	44	384	—	—	—	112	272	
\$150 to \$199	458	110	—	—	33	77	348	—	—	—	70	278	
\$200 to \$249	96	30	—	—	—	30	66	—	—	—	7	59	
\$250 or more	26	—	—	—	—	—	26	—	—	—	—	26	
Median	\$133	\$139	—	—	—	\$126	\$143	\$132	—	—	\$113	\$134	\$131
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	27.9	23.9	24.0	28.0	24.8	20.8	24.1	29.3	29.0	30.6	25.9	21.7	30.9
With a mortgage	30.4	26.9	24.0	28.0	24.8	27.5	50+	32.4	29.0	30.6	24.6	33.1	43.9
Not mortgaged	26.9	20.1	—	—	11.4	23.5	—	28.4	—	—	32.5	18.7	30.1
Income in 1979 below poverty level	337	53	—	—	25	28	284	—	—	7	54	223	
Percent below poverty level	11.0	6.0	—	—	13.0	9.6	13.1	—	—	—	11.1	9.5	16.2
Renter-occupied housing units	5 984	2 136	545	758	296	315	222	3 828	828	623	186	627	1 564
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 728	1 990	514	733	264	295	184	3 738	793	616	180	616	1 533
Lacking complete plumbing for exclusive use	236	146	31	25	32	20	38	90	35	7	6	11	31
UNITS IN STRUCTURE													
1, detached or attached	455	224	56	89	13	27	39	231	15	37	10	66	103
2	1 296	536	184	216	47	64	25	760	193	171	17	174	205
3 and 4	1 134	401	135	134	39	46	47	733	215	165	50	124	179
5 to 9	1 017	298	58	135	58	19	28	719	167	101	48	110	293
10 to 49	1 374	526	94	160	113	120	39	848	221	149	48	99	331
50 or more	659	129	6	20	26	33	44	530	17	—	13	54	446
Mobile home or trailer, etc.	29	22	12	4	—	6	—	7	—	—	—	—	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 172	553	208	97	76	60	112	1 619	336	109	60	215	899
\$5,000 to \$9,999	1 748	473	182	123	36	53	79	1 275	323	215	24	213	500
\$10,000 to \$12,499	587	252	55	112	22	45	18	335	71	102	27	56	79
\$12,500 to \$14,999	394	164	39	93	25	7	—	230	29	96	19	59	27
\$15,000 to \$19,999	645	395	50	220	53	59	13	250	49	92	44	43	22
\$20,000 to \$24,999	288	212	11	98	43	60	—	76	20	9	6	25	16
\$25,000 to \$34,999	73	55	—	11	26	18	—	18	—	—	4	14	
\$35,000 to \$49,999	40	21	—	4	10	7	—	19	—	—	6	6	7
\$50,000 or more	17	11	—	5	6	6	—	6	—	—	6	6	—
Median	\$7 248	\$10 417	\$6 612	\$13 763	\$13 900	\$12 472	\$4 974	\$6 102	\$6 175	\$9 808	\$10 833	\$7 280	\$4 642
Mean	\$9 312	\$11 621	\$7 509	\$13 236	\$15 357	\$15 212	\$6 121	\$8 023	\$6 641	\$9 921	\$11 436	\$12 122	\$5 950
GROSS RENT													
Specified renter-occupied housing units	5 952	2 129	545	758	296	308	222	3 823	828	623	186	627	1 559
Less than \$100	802	199	30	41	32	31	65	603	28	5	13	58	499
\$100 to \$149	778	272	66	51	48	58	49	506	102	82	—	109	213
\$150 to \$199	1 901	773	255	256	86	111	65	1 128	357	244	49	182	296
\$200 to \$249	1 666	579	132	273	74	88	12	1 087	254	219	84	167	363
\$250 to \$299	518	183	42	74	26	20	21	335	66	45	29	70	125
\$300 to \$349	160	67	14	47	6	—	—	93	16	24	11	25	17
\$350 to \$399	34	19	6	4	5	—	4	15	—	4	—	7	4
\$400 to \$449	11	11	—	5	6	—	—	—	—	—	—	—	—
\$500 or more	6	6	—	—	6	—	—	—	—	—	—	—	—
No cash rent	76	20	—	7	7	—	6	56	5	—	—	9	42
Median	\$188	\$190	\$185	\$204	\$188	\$181	\$144	\$187	\$192	\$197	\$216	\$189	\$160
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.0	22.1	33.5	18.7	17.6	15.0	29.3	29.4	33.4	23.2	25.2	27.4	31.6
Income in 1979 below poverty level	1 140	297	123	67	58	30	19	843	293	96	42	128	284
Percent below poverty level	19.1	13.9	22.6	8.8	19.6	9.5	8.6	22.0	35.4	15.4	22.6	20.4	18.2

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Green Bay city**

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	296	82	139	75
<b>ROOMS</b>				
1 to 3 rooms	16	—	16	—
4 rooms	34	6	17	11
5 rooms	48	22	10	16
6 rooms	90	26	53	11
7 rooms	41	13	17	11
8 or more rooms	67	15	26	26
Median	6.1	6.0	6.0	6.5
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	296	82	139	75
Lacking complete plumbing for exclusive use	—	—	—	—
<b>BEDROOMS</b>				
None	—	—	—	—
1	22	6	16	—
2	71	14	27	30
3	133	53	54	26
4	70	9	42	19
5 or more	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	125	33	47	45
1970 to 1974	6	—	—	6
1960 to 1969	36	9	27	—
1950 to 1959	22	8	10	4
1940 to 1949	43	6	33	4
1939 or earlier	64	26	22	16
<b>UNITS IN STRUCTURE</b>				
1, detached or attached	261	74	126	61
2 or more	35	8	13	14
Mobile home or trailer	—	—	—	—
<b>HEATING EQUIPMENT</b>				
Central heating system	261	47	139	75
Other means	35	35	—	—
None	—	—	—	—
<b>PRICE ASKED</b>				
Specified vacant for sale only housing units	247	74	126	47
Less than \$10,000	5	—	—	5
\$10,000 to \$19,999	5	—	—	5
\$20,000 to \$29,999	54	14	36	4
\$30,000 to \$39,999	22	—	16	6
\$40,000 to \$49,999	35	18	13	4
\$50,000 to \$59,999	21	14	7	4
\$60,000 to \$79,999	52	13	22	17
\$80,000 to \$99,999	31	—	25	6
\$100,000 or more	22	15	7	—
Median	\$51 800	\$56 800	\$48 300	\$44 400

**Green Bay city**

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for rent housing units	469	265	150	54
<b>ROOMS</b>				
1 room	59	33	16	10
2 rooms	47	39	8	—
3 rooms	140	85	38	17
4 rooms	81	24	30	27
5 rooms	71	53	18	—
6 rooms	43	24	19	—
7 or more rooms	28	7	21	—
Median	3.4	3.2	3.9	3.5
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	419	246	134	39
Lacking complete plumbing for exclusive use	50	19	16	15
<b>BEDROOMS</b>				
None	71	45	16	10
1	175	112	46	17
2	138	76	35	27
3	80	32	48	—
4	5	—	5	—
5 or more	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	40	10	26	4
1970 to 1974	68	68	—	—
1960 to 1969	73	40	33	—
1950 to 1959	36	18	6	12
1940 to 1949	66	44	11	11
1939 or earlier	186	85	74	27
<b>UNITS IN STRUCTURE</b>				
1, detached or attached	78	54	18	6
2	138	63	49	26
3 and 4	88	73	15	—
5 to 9	68	31	37	—
10 to 49	85	44	19	22
50 or more	12	—	12	—
Mobile home or trailer	—	—	—	—
<b>RENT ASKED</b>				
Specified vacant for rent housing units	469	265	150	54
Less than \$100	80	26	54	—
\$100 to \$149	62	39	12	11
\$150 to \$199	159	77	55	27
\$200 to \$249	106	79	15	12
\$250 to \$299	38	29	9	—
\$300 to \$399	19	15	—	4
\$400 or more	5	—	5	—
Median	\$178	\$194	\$161	\$179

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Green Bay city**

	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Total</b>	247	5	59	57	104	22	51 800	469	80	221	144	19	5	178
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use	247	5	59	57	104	22	51 800	419	47	204	144	19	5	184
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	50	33	17	—	—	—	68
<b>BEDROOMS</b>														
None	—	—	—	—	—	—	—	71	33	38	—	—	—	126
1	13	—	13	—	—	—	21 300	175	31	69	75	—	—	193
2	48	5	14	15	14	—	40 800	138	—	82	52	4	—	179
3	116	—	23	35	43	15	50 000	80	16	32	17	15	—	177
4	70	—	9	7	47	7	68 800	5	—	—	—	—	5	450
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980	97	—	—	—	75	22	79 100	40	12	8	16	4	—	185
1970 to 1974	6	—	—	—	6	—	85 000	68	4	31	33	—	—	199
1960 to 1969	36	—	13	—	23	—	53 600	73	—	10	43	15	5	223
1950 to 1959	20	—	8	12	—	—	45 800	36	—	24	12	—	—	195
1940 to 1949	37	—	10	27	—	—	37 100	66	—	47	19	—	—	163
1939 or earlier	51	5	28	18	—	—	28 700	186	64	101	21	—	—	138
<b>UNITS IN STRUCTURE</b>														
1, detached or attached	247	5	59	57	104	22	51 800	78	—	28	30	15	5	250
2 or more	...	...	...	...	...	...	...	391	80	193	114	4	—	173
Mobile home or trailer	...	...	...	...	...	...	...	—	—	—	—	—	—	—

## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

#### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

#### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

#### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

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### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit he previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent**. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent**. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

## Appendix B.—Definitions and Explanations of Subject Characteristics

### Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024



## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

**Stage II—Householder/  
Nonhouseholder**

**Group**

1 Householder  
2 Nonhouseholder (including persons in group quarters)

**Stage III—Age/Sex/Race/Spanish Origin**

**Group** *White Race**Persons of Spanish Origin**Male*

1 0 to 4 years of age  
2 5 to 14 years of age  
3 15 to 19 years of age  
4 20 to 24 years of age  
5 25 to 34 years of age  
6 35 to 44 years of age  
7 45 to 64 years of age  
8 65 years of age or older

*Female*

9-16 Same age categories as groups 1 to 8

*Persons Not of Spanish Origin*

17-32

Same age and sex categories as groups 1 to 16

*Black Race*

33-64

Same age-sex-Spanish origin categories as groups 1 to 32

*Asian, Pacific Islander Race*

65-96

Same age-sex-Spanish origin categories as groups 1 to 32

*American Indian, Eskimo, or Aleut Race*

97-128

Same age-sex-Spanish origin categories as groups 1 to 32

*Other Race (includes those races not listed above)*

129-160

Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

### OCCUPIED HOUSING UNITS

#### Stage I—Type of Household

**Group** *Housing Units With a Family With Own Children Under 18*

1 2 persons in housing unit  
2 3 persons in housing unit  
3 4 persons in housing unit  
4 5 to 7 persons in housing unit  
5 8 or more persons in housing unit

*Housing Units With a Family Without Own Children Under 18*

6-10 2 persons in housing unit through 8 or more persons in housing unit

*All Other Housing Units*

11 1 person in housing unit  
12-16 2 persons in housing unit through 8 or more persons in housing unit

#### Stage II—Tenure/Race and Origin of Householder/Value or Rent

**Group** *Owner*

*White Race (householder)*

*Persons of Spanish Origin (householder)*

*Value of House*

1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

*Persons Not of Spanish Origin*

## Appendix D.—Accuracy of the Data

9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>	<b>Undercoverage</b> —It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	169-190 Same rent—Spanish origin categories as groups 81 to 102	
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	<b>VACANT HOUSING UNITS</b>	
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16	<i>Group</i>	<ul style="list-style-type: none"> <li>• The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.</li> </ul>
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16	1 <i>Vacant for Rent</i> 2 <i>Vacant for Sale</i> 3 <i>Other Vacant</i>	<ul style="list-style-type: none"> <li>• The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.</li> <li>• A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.</li> <li>• A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.</li> </ul>
81	<i>Renter</i>		
82	<i>White Race</i>		
83	<i>Persons of Spanish Origin</i>		
84	<i>Rent Categories</i>		
85	\$1 to \$59		
86	\$60 to \$99		
87	\$100 to \$149		
88	\$150 to \$199		
89	\$200 to \$249		
90	\$250 to \$299		
91	\$300 to \$399		
	\$400 to \$499		
	\$500+		
	Other Renter		
	No Cash Rent		
92-102	<i>Persons not of Spanish origin</i>		
103-124	Same rent categories as groups 81 to 91		
125-146	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102		
147-168	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102		
	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102		

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

### CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

## Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{\frac{5\hat{Y}}{N}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage 1/													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	0.2

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5\hat{p}}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.5
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5
Value.....	1.0	1.0	0.5

## Appendix D.—Accuracy of the Data

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

**PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**

Green Bay city -----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	62 282	20.1
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	34 445	16.3



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

#### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

H16. If a well provides water for six or more houses or apartments, mark A public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for individual well.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are wider.

H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

H19. The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

#### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer Yes only if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

#### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

#### 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

#### 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

#### b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

#### c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

#### 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

#### 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

#### b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

#### 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

#### 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

#### 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

#### 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

#### Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

#### Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in car pools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four weeks*; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

**INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33**

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:					
DO	A1	A2	A4	A5	A6
L					

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla  y devuelva el cuestionario  
por correo en el sobre que se le incluye.

# 1980 Census of the United States

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

## How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

**Make** sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail** back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope, no stamp is needed.

**Please** start by answering Question 1 below.

## Question 1

### List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. **What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

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### Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please:

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<b>Here are the QUESTIONS ↓</b>	<b>These are the columns for ANSWERS →</b>  <i>Please fill one column for each person listed in Question 1.</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;"><b>PERSON in column 1</b></th> <th colspan="2" style="text-align: center;"><b>PERSON in column 2</b></th> </tr> <tr> <th>Last name</th> <th>Middle initial</th> <th>Last name</th> <th>Middle initial</th> </tr> </thead> <tbody> <tr> <td>First name</td> <td></td> <td>First name</td> <td></td> </tr> </tbody> </table>				<b>PERSON in column 1</b>		<b>PERSON in column 2</b>		Last name	Middle initial	Last name	Middle initial	First name		First name																																																																																																																																																																																																																																																																																																																																																																															
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<b>2. How is this person related to the person in column 1?</b>  <i>Fill one circle.</i>  <i>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</i>		<i>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</i>		<b>If relative of person in column 1:</b> <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister																																																																																																																																																																																																																																																																																																																																																																																											
<b>3. Sex</b> <i>Fill one circle.</i>		<input type="radio"/> Male <input checked="" type="checkbox"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> Female																																																																																																																																																																																																																																																																																																																																																																																											
<b>4. Is this person —</b>  <i>Fill one circle.</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <input type="radio"/> Indian (Amer.) <i>Print tribe →</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <input type="radio"/> Indian (Amer.) <i>Print tribe →</i>																																																																																																																																																																																																																																																																																																																																																																																											
<b>5. Age, and month and year of birth</b>  <i>a. Print age at last birthday.</i> <i>b. Print month and fill one circle.</i> <i>c. Print year in the spaces, and fill one circle below each number.</i>		<b>a. Age at last birthday</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td style="text-align: center;">1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>●</td><td>8</td><td>○</td><td>0</td><td>○</td><td>0</td></tr> <tr><td>9</td><td>○</td><td>1</td><td>○</td><td>1</td><td>○</td><td></td></tr> <tr><td></td><td>2</td><td>○</td><td>2</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>3</td><td>○</td><td>3</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>4</td><td>○</td><td>4</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>5</td><td>○</td><td>5</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>6</td><td>○</td><td>6</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>7</td><td>○</td><td>7</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>8</td><td>○</td><td>8</td><td>○</td><td></td><td></td></tr> <tr><td></td><td>9</td><td>○</td><td>9</td><td>○</td><td></td><td></td></tr> </table> <b>b. 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<b>6. Marital status</b>  <i>Fill one circle.</i>		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced																																																																																																																																																																																																																																																																																																																																																																																											
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  <i>Fill one circle.</i>		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic																																																																																																																																																																																																																																																																																																																																																																																											
<b>8. Since February 1, 1980, has this person attended regular school or college at any time? <i>Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</i></b>		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related																																																																																																																																																																																																																																																																																																																																																																																											
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  <i>Fill one circle.</i>  <i>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</i>		<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten <b>Elementary through high school (grade or year)</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> </table> <b>College (academic year)</b> <input checked="" type="checkbox"/> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>or more</td></tr> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td></td></tr> </table> <input type="radio"/> Never attended school — <i>Skip question 10</i>		1	2	3	4	5	6	7	8	9	10	11	12	○	○	○	○	○	○	○	○	○	○	○	○	1	2	3	4	5	6	7	8	or more	○	○	○	○	○	○	○	○		<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten <b>Elementary through high school (grade or year)</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> </table> <b>College (academic year)</b> <input checked="" type="checkbox"/> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>or more</td></tr> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td></td></tr> </table> <input type="radio"/> Never attended school — <i>Skip question 10</i>		1	2	3	4	5	6	7	8	9	10	11	12	○	○	○	○	○	○	○	○	○	○	○	○	1	2	3	4	5	6	7	8	or more	○	○	○	○	○	○	○	○																																																																																																																																																																																																																																																																																																							
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<b>10. Did this person finish the highest grade (or year) attended?</b>  <i>Fill one circle.</i>		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																																																																																																																																																																																																																																																																																																																																																																																											
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#### **Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages**

Page 3

**PERSON in column 7**

Last name \_\_\_\_\_

First name \_\_\_\_\_

Middle initial \_\_\_\_\_

If relative of person in column 1:

<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	

If not related to person in column 1:

<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	

<input type="radio"/> Male	<input checked="" type="checkbox"/>	<input type="radio"/> Female
----------------------------	-------------------------------------	------------------------------

<input type="radio"/> White	<input type="radio"/> Asian Indian
<input type="radio"/> Black or Negro	<input type="radio"/> Hawaiian
<input type="radio"/> Japanese	<input type="radio"/> Guamanian
<input type="radio"/> Chinese	<input type="radio"/> Samoan
<input type="radio"/> Filipino	<input type="radio"/> Eskimo
<input type="radio"/> Korean	<input type="radio"/> Aleut
<input type="radio"/> Vietnamese	<input type="radio"/> Other — <i>Specify</i> _____
<input type="radio"/> Indian (Amer.)	

*Print tribe* → \_\_\_\_\_

a. Age at last birthday

c. Year of birth

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0
<input checked="" type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0

b. Month of birth

<input type="radio"/> Jan.—Mar.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0
<input type="radio"/> Apr.—June	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0
<input type="radio"/> July—Sept.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0
<input type="radio"/> Oct.—Dec.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 0

<input type="radio"/> Now married	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	

<input type="radio"/> No (not Spanish/Hispanic)	
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano	
<input type="radio"/> Yes, Puerto Rican	<input checked="" type="checkbox"/>
<input type="radio"/> Yes, Cuban	
<input type="radio"/> Yes, other Spanish/Hispanic	

<input type="radio"/> No, has not attended since February 1	
<input type="radio"/> Yes, public school, public college	
<input type="radio"/> Yes, private, church-related	
<input type="radio"/> Yes, private, not church-related	

Highest grade attended:

<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten										
<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10	<input type="radio"/> 11	<input type="radio"/> 12
<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10	<input type="radio"/> 11	<input type="radio"/> 12

<input type="radio"/> College (academic year)	<input checked="" type="checkbox"/>							
<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> or more
<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> or more
<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> or more

<input type="radio"/> Never attended school — Skip question 10	
<input type="radio"/> Now attending this grade (or year)	
<input type="radio"/> Finished this grade (or year)	
<input type="radio"/> Did not finish this grade (or year)	

CENSUS USE ONLY A. O I N O O

If you listed more than  
7 persons in Question 1,  
please see note on page 20.

**NOW PLEASE ANSWER QUESTIONS H1–H12  
FOR YOUR HOUSEHOLD**

<p><b>H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</b></p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason left out.  <input type="radio"/> No</p>	<p><b>H9. Is this apartment (house) part of a condominium?</b></p> <p><input type="radio"/> No  <input type="radio"/> Yes, a condominium</p>
<p><b>H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</b></p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason person is away.  <input type="radio"/> No</p>	<p><b>H10. If this is a one-family house —</b></p> <p>a. Is the house on a property of 10 or more acres?  <input checked="" type="checkbox"/> Yes      <input type="radio"/> No</p>
<p><b>H3. Is anyone visiting here who is not already listed?</b></p> <p><input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  <input type="radio"/> No</p>	<p>b. Is any part of the property used as a commercial establishment or medical office?  <input type="radio"/> Yes      <input type="radio"/> No</p>
<p><b>H4. How many living quarters, occupied and vacant, are at this address?</b></p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer</p>	<p><b>H11. If you live in a one-family house or a condominium unit which you own or are buying —</b></p> <p>What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?</p>
<p><b>H5. Do you enter your living quarters —</b></p> <p><input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?</p>	<p><b>Do not answer this question if this is —</b></p> <p><input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A house on 10 or more acres</li> <li><input type="radio"/> A house with a commercial establishment or medical office on the property</li> </ul>
<p><b>H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</b></p>	<p><b>H12. If you pay rent for your living quarters —</b></p> <p><b>What is the monthly rent?</b></p> <p>If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.</p>
<p><input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No, have some but not all plumbing facilities  <input type="radio"/> No plumbing facilities in living quarters</p>	<p><b>O</b> Less than \$10,000      <b>O</b> \$50,000 to \$54,999  <b>O</b> \$10,000 to \$14,999      <b>O</b> \$55,000 to \$59,999  <b>O</b> \$15,000 to \$17,499      <b>O</b> \$60,000 to \$64,999  <b>O</b> \$17,500 to \$19,999      <b>O</b> \$65,000 to \$69,999  <b>O</b> \$20,000 to \$22,499      <b>O</b> \$70,000 to \$74,999  <b>O</b> \$22,500 to \$24,999      <b>O</b> \$75,000 to \$79,999  <b>O</b> \$25,000 to \$27,499      <b>O</b> \$80,000 to \$89,999  <b>O</b> \$27,500 to \$29,999      <b>O</b> \$90,000 to \$99,999  <b>O</b> \$30,000 to \$34,999      <b>O</b> \$100,000 to \$124,999  <b>O</b> \$35,000 to \$39,999      <b>O</b> \$125,000 to \$149,999  <b>O</b> \$40,000 to \$44,999      <b>O</b> \$150,000 to \$199,999  <b>O</b> \$45,000 to \$49,999      <b>O</b> \$200,000 or more</p>
<p><b>H7. How many rooms do you have in your living quarters?</b></p> <p><b>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</b></p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> 1 room      <input type="radio"/> 4 rooms      <input type="radio"/> 7 rooms  <input type="radio"/> 2 rooms      <input type="radio"/> 5 rooms      <input type="radio"/> 8 rooms  <input type="radio"/> 3 rooms      <input type="radio"/> 6 rooms      <input type="radio"/> 9 or more rooms</p>	
<p><b>H8. Are your living quarters —</b></p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?</p>	

**FOR CENSUS USE ONLY**

FOR CENSUS USE ONLY					
<u>A4. Block number</u>	<u>A6. Serial number</u>	<u>B. Type of unit or quarters</u>	<u>C. For vacant units</u>	<u>D. Months vacant</u>	<u>E. Total persons</u>
		<u>Occupied</u>	<u>C1. Is this unit for —</u>	<u>O. Less than 1 month</u>	
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> 1 up to 2 months	
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — <i>Skip C2,</i>	<input type="radio"/> 2 up to 6 months	
		<u>Vacant</u>	<u>C2. Vacancy status</u>	<input type="radio"/> 6 up to 12 months	
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 1 year up to 2 years	
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 2 or more years	
		<u>Group quarters</u>	<input type="radio"/> Rented or sold, not occupied		
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use		
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant		
			<u>C3. Is this unit boarded up?</u>	<u>E. Indicators</u>	
			<input type="radio"/> Yes	<input type="radio"/> Mail return	
			<input type="radio"/> No	<input type="radio"/> Pop./F	
				<input type="radio"/> O O	
0 0 0	0 0 0 0				0 0 0
1 1 1	1 1 1 1				1 1 1
2 2 2	2 2 2 2				2 2 2
3 3 3	3 3 3 3				3 3 3
4 4 4	4 4 4 4				4 4 4
5 5 5	5 5 5 5				5 5 5
6 6 6	6 6 6 6				6 6 6
7 7 7	7 7 7 7				7 7 7
8 8 8	8 8 8 8				8 8 8
9 9 9	9 9 9 9				9 9 9

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

**ALSO ANSWER THESE QUESTIONS**

**H13. Which best describes this building?**

*Include all apartments, flats, etc., even if vacant.*

- A mobile home or trailer
- A one-family house detached from any other house
- A one-family house attached to one or more houses
- A building for 2 families
- A building for 3 or 4 families
- A building for 5 to 9 families
- A building for 10 to 19 families
- A building for 20 to 49 families
- A building for 50 or more families
- A boat, tent, van, etc. █

**H14a. How many stories (floors) are in this building?**

*Count an attic or basement as a story if it has any finished rooms for living purposes.*

- 1 to 3 — *Skip to H15*
- 7 to 12
- 4 to 6
- 13 or more stories

**b. Is there a passenger elevator in this building?**

- Yes
- No

**H15a. Is this building —**

- On a city or suburban lot, or on a place of less than 1 acre? — *Skip to H16*
- On a place of 1 to 9 acres?
- On a place of 10 or more acres?

**b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —**

- Less than \$50 (or None)
- \$250 to \$599
- \$1,000 to \$2,499
- \$50 to \$249
- \$600 to \$999
- \$2,500 or more █

**H16. Do you get water from —**

- A public system (*city water department, etc.*) or private company?
- An individual drilled well?
- An individual dug well?
- Some other source (*a spring, creek, river, cistern, etc.*)?

**H17. Is this building connected to a public sewer?**

- Yes, connected to public sewer
- No, connected to septic tank or cesspool
- No, use other means

**H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.**

- 1979 or 1980
- 1960 to 1969
- 1940 to 1949
- 1975 to 1978
- 1950 to 1959
- 1939 or earlier
- 1970 to 1974 █

**H19. When did the person listed in column 1 move into this house (or apartment)?**

- 1979 or 1980
- 1950 to 1959
- 1975 to 1978
- 1949 or earlier
- 1970 to 1974
- Always lived here
- 1960 to 1969

**H20. How are your living quarters heated?**

*Fill one circle for the kind of heat used most.*

- Steam or hot water system
- Central warm-air furnace with ducts to the individual rooms  
*(Do not count electric heat pumps here.)*
- Electric heat pump
- Other built-in electric units (*permanently installed in wall, ceiling, or baseboard*) █
- Floor, wall, or pipeless furnace
- Room heaters *with* flue or vent, burning gas, oil, or kerosene
- Room heaters *without* flue or vent, burning gas, oil, or kerosene (*not portable*)
- Fireplaces, stoves, or portable room heaters of any kind
- No heating equipment

**H21a. Which fuel is used most for house heating?**

- Gas: from underground pipes serving the neighborhood
- Gas: bottled, tank, or LP
- Electricity
- Fuel oil, kerosene, etc. █
- Coal or coke
- Wood
- Other fuel
- No fuel used

**b. Which fuel is used most for water heating?**

- Gas: from underground pipes serving the neighborhood
- Gas: bottled, tank, or LP
- Electricity
- Fuel oil, kerosene, etc. █
- Coal or coke
- Wood
- Other fuel
- No fuel used

**c. Which fuel is used most for cooking?**

- Gas: from underground pipes serving the neighborhood
- Gas: bottled, tank, or LP
- Electricity
- Fuel oil, kerosene, etc. █
- Coal or coke
- Wood
- Other fuel
- No fuel used

**H22. What are the costs of utilities and fuels for your living quarters?**

**a. Electricity**

\$ .00 OR  Included in rent or no charge  
*Average monthly cost*

**b. Gas**

\$ .00 OR  Included in rent or no charge  
*Average monthly cost*

**c. Water**

\$ .00 OR  Included in rent or no charge  
*Yearly cost*

**d. Oil, coal, kerosene, wood, etc.**

\$ .00 OR  Included in rent or no charge  
*Yearly cost*

**H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.**

- Yes █
- No

**H24. How many bedrooms do you have?**

*Count rooms used mainly for sleeping even if used also for other purposes.*

- No bedroom
- 1 bedroom
- 2 bedrooms
- 3 bedrooms
- 4 bedrooms
- 5 or more bedrooms

**H25. How many bathrooms do you have?**

*A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.*

*A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.*

- No bathroom, or only a half bathroom
- 1 complete bathroom
- 1 complete bathroom, plus half bath(s)
- 2 or more complete bathrooms

**H26. Do you have a telephone in your living quarters?**

- Yes █
- No █

**H27. Do you have air conditioning?**

- Yes, a central air-conditioning system
- Yes, 1 individual room unit
- Yes, 2 or more individual room units
- No

**H28. How many automobiles are kept at home for use by members of your household?**

- None █
- 1 automobile
- 2 automobiles █
- 3 or more automobiles

**H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?**

- None
- 1 van or truck
- 2 vans or trucks █
- 3 or more vans or trucks

**CENSUS USE**

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### FOR YOUR HOUSEHOLD

Page 5

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer .....
- A house on 10 or more acres .....
- A condominium unit .....
- A house with a commercial establishment or medical office on the property .....

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ .00 OR  None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ .00 OR  None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ .00 OR  No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

### FOR CENSUS USE ONLY

(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
Yes	1 1	1 1 1	Yes	1 1	1 1 1	Yes	1 1	1 1 1
	2 2	2 2 2		2 2	2 2 2		2 2	2 2 2
No	3 3	3 3 3	No	3 3	3 3 3	No	3 3	3 3 3
	4 4	4 4 4		4 4	4 4 4		4 4	4 4 4
	5 5	5 5 5		5 5	5 5 5		5 5	5 5 5
	6 6	6 6 6		6 6	6 6 6		6 6	6 6 6
	7 7	7 7 7		7 7	7 7 7		7 7	7 7 7
	8 8	8 8 8		8 8	8 8 8		8 8	8 8 8
	9 9	9 9 9		9 9	9 9 9		9 9	9 9 9
(4)	2. <input checked="" type="checkbox"/>	4.	(5)	2. <input checked="" type="checkbox"/>	4.	(6)	2. <input checked="" type="checkbox"/>	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
Yes	1 1	1 1 1	Yes	1 1	1 1 1	Yes	1 1	1 1 1
	2 2	2 2 2		2 2	2 2 2		2 2	2 2 2
No	3 3	3 3 3	No	3 3	3 3 3	No	3 3	3 3 3
	4 4	4 4 4		4 4	4 4 4		4 4	4 4 4
	5 5	5 5 5		5 5	5 5 5		5 5	5 5 5
	6 6	6 6 6		6 6	6 6 6		6 6	6 6 6
	7 7	7 7 7		7 7	7 7 7		7 7	7 7 7
	8 8	8 8 8		8 8	8 8 8		8 8	8 8 8
	9 9	9 9 9		9 9	9 9 9		9 9	9 9 9
(7)	2. <input checked="" type="checkbox"/>	4.	GQ. <input checked="" type="checkbox"/>	H30. <input checked="" type="checkbox"/>	H31. <input checked="" type="checkbox"/>	H32c. <input checked="" type="checkbox"/>		
S.S.	○ ○	○ ○ ○	○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
Yes	1 1	1 1 1	1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
	2 2	2 2 2	2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
No	3 3	3 3 3	3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3
	4 4	4 4 4	4 4	4 4 4 4	4 4 4 4	4 4 4 4	4 4 4 4	4 4 4 4
	5 5	5 5 5	5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5
	6 6	6 6 6	6 6	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6
	7 7	7 7 7	7 7	7 7 7 7	7 7 7 7	7 7 7 7	7 7 7 7	7 7 7 7
	8 8	8 8 8	8 8	8 8 8 8	8 8 8 8	8 8 8 8	8 8 8 8	8 8 8 8
	9 9	9 9 9	9 9	9 9 9 9	9 9 9 9	9 9 9 9	9 9 9 9	9 9 9 9

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

ANSWER THESE QUESTIONS FOR											
<b>Name of Person 1 on page 2:</b> Last name      First name      Middle initial			<b>16. When was this person born?</b> <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input checked="" type="checkbox"/> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i>			<b>22a. Did this person work at any time last week?</b> <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time.</i> <input checked="" type="checkbox"/> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i>  <i>(Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i>  <i>Skip to 25</i>					
<b>11. In what State or foreign country was this person born?</b> <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i>			<b>17. In April 1975 (five years ago) was this person —</b> a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No  b. Attending college? <input type="radio"/> Yes <input type="radio"/> No  c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time			<b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b> <i>If service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i>					
<b>12. If this person was born in a foreign country —</b> a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="checkbox"/> <input type="radio"/> Born abroad of American parents			<b>b. When did this person come to the United States to stay?</b> <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950			<b>b. Was active-duty military service during —</b> <i>Fill a circle for each period in which this person served.</i> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time					
<b>13a. Does this person speak a language other than English at home?</b> <input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i>			<b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</b>			<b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b> <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area					
<b>c. How well does this person speak English?</b> <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all			<b>20. If this person is a female —</b> None      1      2      3      4      5      6 <i>How many babies has she ever had, not counting stillbirths?</i> <i>Do not count her stepchildren or children she has adopted.</i> 7      8      9      10      11      12 or more			<b>d. County</b> <input type="checkbox"/>					
<b>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</b>  <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i>			<b>21. If this person has ever been married —</b> a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once  b. Month and year of marriage?      Month and year of first marriage?  (Month)      (Year)      (Month)      (Year)			<b>e. State</b> _____ <b>f. ZIP Code</b> _____					
<b>15a. Did this person live in this house five years ago (April 1, 1975)?</b> <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house			<b>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</b> <input type="radio"/> Yes <input type="radio"/> No			<b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b>  Minutes					
<b>b. Where did this person live five years ago (April 1, 1975)?</b>  (1) State, foreign country, Puerto Rico, Guam, etc.: _____  (2) County: _____  (3) City, town, village, etc.: _____  (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area			<b>FOR CENSUS USE ONLY</b>			<input type="radio"/> VL <b>24a.</b> <input type="radio"/> <b>23.</b> <input type="checkbox"/> <input type="radio"/> <b>15b.</b> <input type="checkbox"/> <input type="radio"/> <b>11.</b> <input checked="" type="checkbox"/> <input type="radio"/> <b>13b.</b> <input type="checkbox"/> <input type="radio"/> <b>14.</b> <input type="checkbox"/>					

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

Page 7

c. When going to work last week, did this person usually —		CENSUS USE 21b.  I    II    III    IV ○ ○ ○ ○ 1 1 2 2 ○ ○ ○ ○ 3 3 4 4 ○ ○ ○ ○ 5 5 6 6 ○ ○ ○ ○ 7 7 8 8 ○ ○ ○ ○ 9 9 9 9	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?	CENSUS USE ONLY 31b. 31c. 31d.	
<input type="radio"/> Drive alone — Skip to 28 <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only			<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No — Skip to 31d	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
d. How many people, including this person, usually rode to work in the car, truck, or van last week?			b. How many weeks did this person work in 1979? Count paid vacation, paid sick leave, and military service.		
<input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more			Weeks		
After answering 24d, skip to 28.					
25. Was this person temporarily absent or on layoff from a job or business last week?			c. During the weeks worked in 1979, how many hours did this person usually work each week?		
<input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No			Hours		
26a. Has this person been looking for work during the last 4 weeks?			d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?	32a. 32b.	
<input type="radio"/> Yes <input type="radio"/> No — Skip to 27			Weeks	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
b. Could this person have taken a job last week?			32. Income in 1979 — Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.		
<input type="radio"/> No, already has a job <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job			During 1979 did this person receive any income from the following sources?		
27. When did this person last work, even for a few days?			If "Yes" to any of the sources below — How much did this person receive for the entire year?	32c. 32d.	
<input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier <input type="radio"/> Never worked		Skip to 31d	a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
28–30. Current or most recent job activity			<input type="radio"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)		
Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.			b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.		
			<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)		
28. Industry			c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.	32e. 32f.	
a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.			<input type="radio"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
(Name of company, business, organization, or other employer)			d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.		
b. What kind of business or industry was this? Describe the activity at location where employed.			<input type="radio"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)	32g. 33.	
(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)			e. Social Security or Railroad Retirement . . .	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
c. Is this mainly — (Fill one circle)			f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .		
Manufacturing      Retail trade Wholesale trade      Other — (agriculture, construction, service, government, etc.)			<input type="radio"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)	○ ○ ○ ○ 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	
29. Occupation			g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . Exclude lump-sum payments such as money from an inheritance or the sale of a home.		
a. What kind of work was this person doing?			<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No      (Annual amount — Dollars)		
(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)			33. What was this person's total income in 1979? Add entries in questions 32a through g; subtract any losses.		
b. What were this person's most important activities or duties?			\$ .00 (Annual amount — Dollars)		
(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)			If total amount was a loss, write "Loss" above amount.		
30. Was this person — (Fill one circle)			OR    O    None		
Employee of private company, business, or individual, for wages, salary, or commissions . . .					
Federal government employee . . .					
State government employee . . .					
Local government employee (city, county, etc.) . . .					
Self-employed in own business, professional practice, or farm —					
Own business not incorporated . . .					
Own business incorporated . . .					
Working without pay in family business or farm . . .					

→ Please turn to the next page and answer the questions for Person 2 on page 2



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### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

## Appendix F.—Publication and Computer Tape Program

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

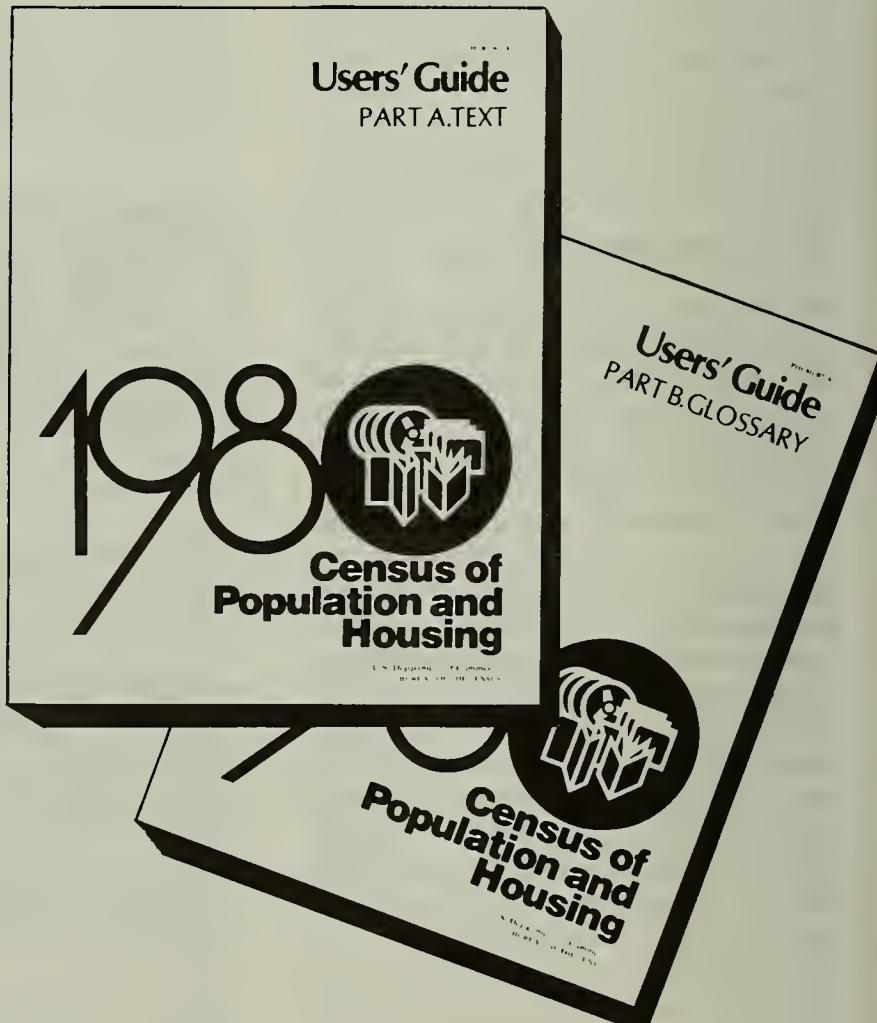
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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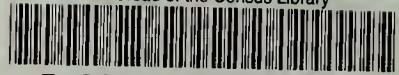


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